

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021822\
 Data File : VX027100.D
 Acq On : 18 Feb 2022 10:46
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 21 00:37:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 08 07:07:46 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 02/21/2022
 Supervised By :Semsettin Yesilyurt 02/22/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	78188	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	124122	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	109169	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	54301	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	50776	54.099	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 108.200%			
35) Dibromofluoromethane	5.391	113	42013	56.813	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 113.620%			
50) Toluene-d8	8.653	98	150389	55.403	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 110.800%			
62) 4-Bromofluorobenzene	11.079	95	56192	58.798	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 117.600%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.172	85	41103	48.346	ug/l	100
3) Chloromethane	1.294	50	36047	45.577	ug/l	97
4) Vinyl Chloride	1.380	62	37332	45.091	ug/l	97
5) Bromomethane	1.605	94	16637	47.355	ug/l	96
6) Chloroethane	1.685	64	22250	49.110	ug/l	98
7) Trichlorofluoromethane	1.886	101	60804	49.905	ug/l	100
8) Diethyl Ether	2.136	74	22096	48.958	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.331	101	44139	55.269	ug/l	97
10) Methyl Iodide	2.453	142	52654	47.646	ug/l	97
11) Tert butyl alcohol	2.965	59	46859	276.364	ug/l	96
12) 1,1-Dichloroethene	2.325	96	40857	51.059	ug/l	86
13) Acrolein	2.239	56	43076	274.909	ug/l	99
14) Allyl chloride	2.666	41	75180	53.041	ug/l	95
15) Acrylonitrile	3.062	53	132295	272.278	ug/l	99
16) Acetone	2.380	43	115515	280.222	ug/l	93
17) Carbon Disulfide	2.514	76	98238	43.368	ug/l	100
18) Methyl Acetate	2.703	43	61483	51.838	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	150587	53.167	ug/l	98
20) Methylene Chloride	2.794	84	45812	51.289	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	44046	52.309	ug/l	95
22) Diisopropyl ether	3.763	45	151277	53.012	ug/l	95
23) Vinyl Acetate	3.721	43	658745	274.561	ug/l	98
24) 1,1-Dichloroethane	3.611	63	82450	53.395	ug/l	99
25) 2-Butanone	4.556	43	183939	276.948	ug/l	96
26) 2,2-Dichloropropane	4.477	77	63744	61.098	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	52612	54.419	ug/l	96
28) Bromochloromethane	4.904	49	30546	47.721	ug/l	94
29) Tetrahydrofuran	5.001	42	120776	267.487	ug/l	97
30) Chloroform	5.099	83	85095	53.040	ug/l	100
31) Cyclohexane	5.470	56	73922	49.568	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	74763	52.855	ug/l	99
36) 1,1-Dichloropropene	5.696	75	61363	52.600	ug/l	97
37) Ethyl Acetate	4.715	43	71380	53.839	ug/l	99
38) Carbon Tetrachloride	5.678	117	66268	54.169	ug/l	99
39) Methylcyclohexane	7.379	83	77638	54.267	ug/l	95
40) Benzene	6.037	78	180971	53.227	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021822\
 Data File : VX027100.D
 Acq On : 18 Feb 2022 10:46
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 02/21/2022
 Supervised By :Semsettin Yesilyurt 02/22/2022

Quant Time: Feb 21 00:37:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 08 07:07:46 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	40203	55.949	ug/l	95
42) 1,2-Dichloroethane	6.086	62	66568	55.561	ug/l	97
43) Isopropyl Acetate	6.342	43	114071	55.920	ug/l	97
44) Trichloroethene	7.129	130	54517	53.402	ug/l	95
45) 1,2-Dichloropropane	7.434	63	46886	54.503	ug/l	96
46) Dibromomethane	7.580	93	32998	55.436	ug/l	95
47) Bromodichloromethane	7.824	83	65304	57.289	ug/l	97
48) Methyl methacrylate	7.696	41	55181	54.595	ug/l	96
49) 1,4-Dioxane	7.659	88	20723	1189.805	ug/l	94
51) 4-Methyl-2-Pentanone	8.574	43	351728	284.536	ug/l	98
52) Toluene	8.720	92	112607	52.311	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	68037	54.997	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	75700	60.140	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	47210	57.931	ug/l	98
56) Ethyl methacrylate	9.116	69	74905	57.985	ug/l	95
57) 1,3-Dichloropropane	9.311	76	79474	56.791	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	173286	261.350	ug/l	98
59) 2-Hexanone	9.433	43	263292	291.200	ug/l	98
60) Dibromochloromethane	9.525	129	49962	59.584	ug/l	98
61) 1,2-Dibromoethane	9.610	107	49175	57.112	ug/l	100
64) Tetrachloroethene	9.275	164	54962	50.127	ug/l	95
65) Chlorobenzene	10.079	112	120678	53.451	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	46897	56.467	ug/l	99
67) Ethyl Benzene	10.195	91	216198	54.105	ug/l	99
68) m/p-Xylenes	10.305	106	165922	107.923	ug/l	98
69) o-Xylene	10.640	106	81736	54.257	ug/l	96
70) Styrene	10.659	104	138698	56.767	ug/l	98
71) Bromoform	10.799	173	34941	54.162	ug/l #	99
73) Isopropylbenzene	10.963	105	216465	50.610	ug/l	99
74) N-amyl acetate	10.841	43	89535	52.390	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	63945	55.091	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	56706m	47.705	ug/l	
77) Bromobenzene	11.201	156	52678	51.813	ug/l	94
78) n-propylbenzene	11.305	91	248760	52.462	ug/l	99
79) 2-Chlorotoluene	11.366	91	148275	50.610	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	182792	51.926	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	19731	51.771	ug/l	90
82) 4-Chlorotoluene	11.457	91	171199	52.088	ug/l	97
83) tert-Butylbenzene	11.713	119	176279	52.540	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	181446	51.101	ug/l	97
85) sec-Butylbenzene	11.890	105	227209	53.424	ug/l	99
86) p-Isopropyltoluene	12.012	119	192836	53.522	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	100016	53.686	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	100404	53.441	ug/l	98
89) n-Butylbenzene	12.335	91	164993	55.971	ug/l	99
90) Hexachloroethane	12.542	117	31111	59.744	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	97114	54.025	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	15718	55.066	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	64423	56.788	ug/l	97
94) Hexachlorobutadiene	13.725	225	26597	55.427	ug/l	100
95) Naphthalene	13.780	128	221553	55.754	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	64385	56.049	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021822\
Data File : VX027100.D
Acq On : 18 Feb 2022 10:46
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 02/21/2022
Supervised By :Semsettin Yesilyurt 02/22/2022

Quant Time: Feb 21 00:37:01 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 08 07:07:46 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

Quant Time: Feb 21 00:37:01 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 08 07:07:46 2022
Response via : Initial Calibration

