

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083122\
 Data File : VX031015.D
 Acq On : 01 Sep 2022 06:46
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/01/2022
 Supervised By :Mahesh Dadoda 09/01/2022

Quant Time: Sep 01 07:13:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X083022W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 30 14:24:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	188574	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	313258	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	288352	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	149419	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	116179	42.955	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	85.900%		
35) Dibromofluoromethane	5.391	113	109652	47.485	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.980%		
50) Toluene-d8	8.653	98	394731	46.158	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	92.320%		
62) 4-Bromofluorobenzene	11.085	95	139598	45.840	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.680%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	90812	45.520	ug/l	99
3) Chloromethane	1.294	50	75427	37.513	ug/l	97
4) Vinyl Chloride	1.374	62	94641	39.842	ug/l	99
5) Bromomethane	1.611	94	37498	51.156	ug/l	99
6) Chloroethane	1.685	64	38793	27.161	ug/l	99
7) Trichlorofluoromethane	1.886	101	163527	45.263	ug/l	97
8) Diethyl Ether	2.136	74	57915	41.538	ug/l	76
9) 1,1,2-Trichlorotrifluo...	2.331	101	105844	45.558	ug/l	95
10) Methyl Iodide	2.453	142	77498	37.157	ug/l	96
11) Tert butyl alcohol	3.001	59	144977	226.245	ug/l #	86
12) 1,1-Dichloroethene	2.319	96	104724	45.696	ug/l	98
13) Acrolein	2.239	56	66106	204.578	ug/l	99
14) Allyl chloride	2.666	41	134650	36.215	ug/l #	95
15) Acrylonitrile	3.069	53	286945	202.787	ug/l	98
16) Acetone	2.392	43	236769	193.960	ug/l	99
17) Carbon Disulfide	2.514	76	260439	43.059	ug/l	99
18) Methyl Acetate	2.709	43	136459	38.106	ug/l	91
19) Methyl tert-butyl Ether	3.117	73	336462	45.075	ug/l	95
20) Methylene Chloride	2.794	84	117922	42.488	ug/l	90
21) trans-1,2-Dichloroethene	3.093	96	110749	44.568	ug/l	94
22) Diisopropyl ether	3.764	45	296266	38.670	ug/l	95
23) Vinyl Acetate	3.727	43	1202835	195.698	ug/l #	92
24) 1,1-Dichloroethane	3.617	63	192690	42.947	ug/l	99
25) 2-Butanone	4.568	43	362910	183.646	ug/l #	87
26) 2,2-Dichloropropane	4.477	77	79552	23.529	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	133536	46.633	ug/l	91
28) Bromochloromethane	4.904	49	55791	38.442	ug/l #	71
29) Tetrahydrofuran	5.019	42	228301	178.585	ug/l #	83
30) Chloroform	5.099	83	210453	45.216	ug/l	98
31) Cyclohexane	5.477	56	159464	39.835	ug/l #	85
32) 1,1,1-Trichloroethane	5.385	97	182538	46.264	ug/l	96
36) 1,1-Dichloropropene	5.696	75	149917	43.680	ug/l	99
37) Ethyl Acetate	4.721	43	139934	38.782	ug/l	97
38) Carbon Tetrachloride	5.684	117	159900	48.937	ug/l	97
39) Methylcyclohexane	7.385	83	185180	44.111	ug/l	95
40) Benzene	6.044	78	452802	45.775	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083122\
 Data File : VX031015.D
 Acq On : 01 Sep 2022 06:46
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/01/2022
 Supervised By :Mahesh Dadoda 09/01/2022

Quant Time: Sep 01 07:13:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X083022W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 30 14:24:53 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	76241	38.903	ug/l	90
42) 1,2-Dichloroethane	6.092	62	148271	45.123	ug/l	100
43) Isopropyl Acetate	6.342	43	213246	38.086	ug/l #	92
44) Trichloroethene	7.129	130	138555	47.545	ug/l	99
45) 1,2-Dichloropropane	7.434	63	114012	43.180	ug/l	99
46) Dibromomethane	7.586	93	84670	46.957	ug/l	93
47) Bromodichloromethane	7.824	83	162279	46.814	ug/l	97
48) Methyl methacrylate	7.696	41	104667	37.347	ug/l #	85
49) 1,4-Dioxane	7.696	88	63793	866.123	ug/l	92
51) 4-Methyl-2-Pentanone	8.574	43	707038	191.324	ug/l	90
52) Toluene	8.720	92	291981	48.308	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	153807	43.973	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	169999	42.484	ug/l #	91
55) 1,1,2-Trichloroethane	9.153	97	125805	47.985	ug/l	98
56) Ethyl methacrylate	9.116	69	180959	47.128	ug/l #	84
57) 1,3-Dichloropropane	9.311	76	194438	44.967	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.244	63	424296	220.012	ug/l	94
59) 2-Hexanone	9.433	43	537989	195.773	ug/l	88
60) Dibromochloromethane	9.525	129	132061	50.683	ug/l	98
61) 1,2-Dibromoethane	9.610	107	134195	49.577	ug/l	99
64) Tetrachloroethene	9.275	164	136860	50.180	ug/l	96
65) Chlorobenzene	10.079	112	319456	46.853	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	120669	49.950	ug/l	99
67) Ethyl Benzene	10.195	91	571854	47.283	ug/l	98
68) m/p-Xylenes	10.305	106	444952	97.129	ug/l	99
69) o-Xylene	10.646	106	217623	48.539	ug/l	98
70) Styrene	10.659	104	366525	48.426	ug/l	99
71) Bromoform	10.799	173	99482	52.479	ug/l #	100
73) Isopropylbenzene	10.963	105	572823	48.458	ug/l	100
74) N-amyl acetate	10.848	43	183342	40.117	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	11.213	83	176670	43.624	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	160842m	43.725	ug/l	
77) Bromobenzene	11.201	156	141298	49.326	ug/l	91
78) n-propylbenzene	11.305	91	656709	47.403	ug/l	99
79) 2-Chlorotoluene	11.366	91	390335	45.363	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	479003	48.089	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	44154	35.687	ug/l	93
82) 4-Chlorotoluene	11.457	91	439894	45.730	ug/l	99
83) tert-Butylbenzene	11.713	119	462447	47.295	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	481464	47.215	ug/l	98
85) sec-Butylbenzene	11.890	105	602630	47.484	ug/l	100
86) p-Isopropyltoluene	12.012	119	496699	47.176	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	266066	47.108	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	265479	45.843	ug/l	98
89) n-Butylbenzene	12.335	91	424823	43.111	ug/l	99
90) Hexachloroethane	12.542	117	82404	44.578	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	264860	46.230	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	38943	38.549	ug/l	88
93) 1,2,4-Trichlorobenzene	13.591	180	181517	49.562	ug/l	98
94) Hexachlorobutadiene	13.725	225	73981	47.569	ug/l	99
95) Naphthalene	13.780	128	683080	52.151	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	184266	49.832	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083122\
Data File : VX031015.D
Acq On : 01 Sep 2022 06:46
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 54 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 09/01/2022
Supervised By :Mahesh Dadoda 09/01/2022

Quant Time: Sep 01 07:13:56 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X083022W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 30 14:24:53 2022
Response via : Initial Calibration

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

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

