

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083022\
 Data File : VX030941.D
 Acq On : 30 Aug 2022 16:03
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 30 17:07:44 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

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/31/2022
 Supervised By : Semsettin Yesilyurt 08/31/2022

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	185800	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	321209	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	297329	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	155953	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	138015	51.790	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.580%			
35) Dibromofluoromethane	5.385	113	120628	50.946	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.900%			
50) Toluene-d8	8.653	98	438933	50.056	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.120%			
62) 4-Bromofluorobenzene	11.085	95	161223	51.631	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.260%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	96115	48.897	ug/l	99
3) Chloromethane	1.288	50	88105	44.473	ug/l	99
4) Vinyl Chloride	1.374	62	104816	44.784	ug/l	99
5) Bromomethane	1.599	94	36119	49.909	ug/l	98
6) Chloroethane	1.679	64	62087	44.120	ug/l	96
7) Trichlorofluoromethane	1.880	101	160741	45.156	ug/l	96
8) Diethyl Ether	2.136	74	66504	48.410	ug/l	80
9) 1,1,2-Trichlorotrifluo...	2.325	101	106773	46.644	ug/l	99
10) Methyl Iodide	2.447	142	87006	41.728	ug/l	96
11) Tert butyl alcohol	2.977	59	168408	266.734	ug/l	100
12) 1,1-Dichloroethene	2.313	96	103361	45.775	ug/l	95
13) Acrolein	2.240	56	80510	251.157	ug/l	100
14) Allyl chloride	2.660	41	174397	47.605	ug/l	97
15) Acrylonitrile	3.069	53	371710	266.614	ug/l	99
16) Acetone	2.386	43	301048	250.299	ug/l	99
17) Carbon Disulfide	2.508	76	265756	44.594	ug/l	98
18) Methyl Acetate	2.709	43	176437	50.006	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	376563	51.201	ug/l	94
20) Methylene Chloride	2.788	84	127698	46.697	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	114734	46.861	ug/l	95
22) Diisopropyl ether	3.764	45	365211	48.381	ug/l	90
23) Vinyl Acetate	3.721	43	1583493	261.477	ug/l	98
24) 1,1-Dichloroethane	3.605	63	211381	47.817	ug/l	100
25) 2-Butanone	4.562	43	505897	259.825	ug/l	96
26) 2,2-Dichloropropane	4.477	77	139113	41.760	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	136917	48.527	ug/l	99
28) Bromochloromethane	4.898	49	71199	49.791	ug/l	91
29) Tetrahydrofuran	5.013	42	330351	262.270	ug/l	96
30) Chloroform	5.099	83	222019	48.413	ug/l	98
31) Cyclohexane	5.471	56	184361	46.742	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	179514	46.177	ug/l	97
36) 1,1-Dichloropropene	5.690	75	155545	44.198	ug/l	98
37) Ethyl Acetate	4.721	43	189407	51.194	ug/l	98
38) Carbon Tetrachloride	5.684	117	157092	46.888	ug/l	97
39) Methylcyclohexane	7.379	83	198168	46.036	ug/l	99
40) Benzene	6.038	78	477389	47.066	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083022\
 Data File : VX030941.D
 Acq On : 30 Aug 2022 16:03
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 30 17:07:44 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

Manual Integrations
 APPROVED

Reviewed By :John Carlone 08/31/2022
 Supervised By :Semsettin Yesilyurt 08/31/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	101191	50.356	ug/l	96
42) 1,2-Dichloroethane	6.086	62	166661	49.464	ug/l	100
43) Isopropyl Acetate	6.342	43	286100	49.833	ug/l	98
44) Trichloroethene	7.129	130	135512	45.350	ug/l	95
45) 1,2-Dichloropropane	7.434	63	128547	47.479	ug/l	98
46) Dibromomethane	7.580	93	90971	49.202	ug/l	98
47) Bromodichloromethane	7.824	83	171927	48.369	ug/l	96
48) Methyl methacrylate	7.696	41	143971	50.099	ug/l	93
49) 1,4-Dioxane	7.665	88	82154	1087.802	ug/l	99
51) 4-Methyl-2-Pentanone	8.580	43	961470	253.733	ug/l	96
52) Toluene	8.720	92	303441	48.961	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	185436	51.703	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	204756	49.903	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	136082	50.620	ug/l	98
56) Ethyl methacrylate	9.116	69	209837	53.296	ug/l	91
57) 1,3-Dichloropropane	9.311	76	221372	49.929	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	542712	274.448	ug/l	100
59) 2-Hexanone	9.433	43	748187	265.524	ug/l	95
60) Dibromochloromethane	9.525	129	138926	51.998	ug/l	100
61) 1,2-Dibromoethane	9.610	107	144543	52.078	ug/l	98
64) Tetrachloroethene	9.275	164	129478	46.040	ug/l	98
65) Chlorobenzene	10.080	112	332252	47.258	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.165	131	121929	48.947	ug/l	98
67) Ethyl Benzene	10.195	91	603498	48.393	ug/l	100
68) m/p-Xylenes	10.305	106	459543	97.286	ug/l	97
69) o-Xylene	10.647	106	229912	49.731	ug/l	97
70) Styrene	10.659	104	383725	49.168	ug/l	99
71) Bromoform	10.805	173	102244	52.308	ug/l #	99
73) Isopropylbenzene	10.964	105	585097	47.422	ug/l	100
74) N-amyl acetate	10.848	43	254756	53.408	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.214	83	210514	49.803	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	196656m	51.221	ug/l	
77) Bromobenzene	11.201	156	146104	48.867	ug/l	95
78) n-propylbenzene	11.305	91	689042	47.653	ug/l	98
79) 2-Chlorotoluene	11.366	91	412950	45.981	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	508159	48.879	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	64579	50.009	ug/l	95
82) 4-Chlorotoluene	11.457	91	475976	47.408	ug/l	100
83) tert-Butylbenzene	11.720	119	495299	48.532	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	537959	50.545	ug/l	97
85) sec-Butylbenzene	11.890	105	639080	48.246	ug/l	99
86) p-Isopropyltoluene	12.012	119	540440	49.180	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	280264	47.542	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	295023	48.810	ug/l	99
89) n-Butylbenzene	12.335	91	505250	49.124	ug/l	98
90) Hexachloroethane	12.543	117	95859	49.684	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	294752	49.292	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	55222	52.372	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	194290	50.827	ug/l	98
94) Hexachlorobutadiene	13.725	225	79433	48.934	ug/l	100
95) Naphthalene	13.780	128	728969	53.323	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	195889	50.756	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083022\
Data File : VX030941.D
Acq On : 30 Aug 2022 16:03
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/31/2022
Supervised By :Semsettin Yesilyurt 08/31/2022

Quant Time: Aug 30 17:07:44 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

