

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062122\
 Data File : VX029657.D
 Acq On : 21 Jun 2022 12:40
 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 : John Carlone 06/22/2022
 Supervised By : Mahesh Dadoda 06/23/2022

Quant Time: Jun 22 01:09:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 20 01:31:01 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	202923	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	367420	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	331487	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	156701	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	138317	51.493	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.980%			
35) Dibromofluoromethane	5.385	113	122624	51.212	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.420%			
50) Toluene-d8	8.653	98	429559	49.108	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.220%			
62) 4-Bromofluorobenzene	11.085	95	160423	48.632	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.260%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	121656	49.505	ug/l	99
3) Chloromethane	1.288	50	122178	46.150	ug/l	99
4) Vinyl Chloride	1.374	62	116440	47.772	ug/l	99
5) Bromomethane	1.611	94	57658	46.365	ug/l	99
6) Chloroethane	1.685	64	61600	40.164	ug/l	98
7) Trichlorofluoromethane	1.886	101	163684	48.202	ug/l	99
8) Diethyl Ether	2.136	74	76067	56.858	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	105021	49.321	ug/l	99
10) Methyl Iodide	2.453	142	102301	42.619	ug/l	98
11) Tert butyl alcohol	2.989	59	173588	298.334	ug/l #	93
12) 1,1-Dichloroethene	2.319	96	105662	51.397	ug/l	96
13) Acrolein	2.239	56	39225	265.088	ug/l	100
14) Allyl chloride	2.666	41	167619	50.499	ug/l	94
15) Acrylonitrile	3.069	53	371691	295.836	ug/l	99
16) Acetone	2.386	43	294511	275.071	ug/l	99
17) Carbon Disulfide	2.514	76	255789	47.994	ug/l	99
18) Methyl Acetate	2.703	43	161306	56.982	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	414190	58.033	ug/l	100
20) Methylene Chloride	2.788	84	131668	55.215	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	119267	53.079	ug/l	96
22) Diisopropyl ether	3.764	45	366998	55.892	ug/l	95
23) Vinyl Acetate	3.721	43	1597134	291.357	ug/l	99
24) 1,1-Dichloroethane	3.611	63	211810	53.638	ug/l	100
25) 2-Butanone	4.562	43	484992	286.575	ug/l	100
26) 2,2-Dichloropropane	4.477	77	85948	27.964	ug/l	92
27) cis-1,2-Dichloroethene	4.489	96	144393	55.005	ug/l	91
28) Bromochloromethane	4.897	49	86584	57.389	ug/l	98
29) Tetrahydrofuran	5.007	42	324251	287.490	ug/l	95
30) Chloroform	5.093	83	227223	54.373	ug/l	96
31) Cyclohexane	5.471	56	176020	48.810	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	184397	50.027	ug/l	98
36) 1,1-Dichloropropene	5.696	75	151915	46.877	ug/l	97
37) Ethyl Acetate	4.715	43	184069	55.412	ug/l	99
38) Carbon Tetrachloride	5.678	117	153034	48.020	ug/l	100
39) Methylcyclohexane	7.385	83	191160	47.312	ug/l	97
40) Benzene	6.038	78	498964	51.942	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062122\
 Data File : VX029657.D
 Acq On : 21 Jun 2022 12:40
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 22 01:09:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 20 01:31:01 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/22/2022
 Supervised By : Mahesh Dadoda 06/23/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	101504	57.999	ug/l	95
42) 1,2-Dichloroethane	6.086	62	171522	51.941	ug/l	97
43) Isopropyl Acetate	6.342	43	287578	55.673	ug/l	100
44) Trichloroethene	7.123	130	133197	48.907	ug/l	95
45) 1,2-Dichloropropane	7.434	63	125509	53.273	ug/l	99
46) Dibromomethane	7.580	93	95803	56.577	ug/l	94
47) Bromodichloromethane	7.824	83	175161	53.681	ug/l	99
48) Methyl methacrylate	7.696	41	140354	55.418	ug/l	94
49) 1,4-Dioxane	7.690	88	70361	1077.536	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	917954	275.714	ug/l	99
52) Toluene	8.720	92	312731	50.840	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	168779	51.187	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	188584	51.075	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	139028	55.899	ug/l	98
56) Ethyl methacrylate	9.116	69	215875	57.454	ug/l	97
57) 1,3-Dichloropropane	9.311	76	225315	54.394	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	457200	258.978	ug/l	96
59) 2-Hexanone	9.433	43	704298	279.357	ug/l	98
60) Dibromochloromethane	9.525	129	136247	56.424	ug/l	96
61) 1,2-Dibromoethane	9.610	107	145575	56.456	ug/l	99
64) Tetrachloroethene	9.275	164	120090	50.095	ug/l	96
65) Chlorobenzene	10.079	112	333677	51.311	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	126155	54.017	ug/l	98
67) Ethyl Benzene	10.195	91	578585	49.448	ug/l	98
68) m/p-Xylenes	10.305	106	455693	99.866	ug/l	99
69) o-Xylene	10.646	106	227693	50.506	ug/l	100
70) Styrene	10.659	104	390127	52.852	ug/l	99
71) Bromoform	10.799	173	94232	56.907	ug/l #	98
73) Isopropylbenzene	10.963	105	579485	49.321	ug/l	98
74) N-amyl acetate	10.848	43	226036	55.393	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	208661	54.931	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	185805m	54.429	ug/l	
77) Bromobenzene	11.201	156	139256	51.932	ug/l	96
78) n-propylbenzene	11.305	91	649980	49.119	ug/l	99
79) 2-Chlorotoluene	11.366	91	398851	48.677	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	493967	49.922	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	47014	45.816	ug/l	93
82) 4-Chlorotoluene	11.457	91	458694	49.090	ug/l	100
83) tert-Butylbenzene	11.719	119	484039	50.171	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	494755	50.134	ug/l	100
85) sec-Butylbenzene	11.890	105	598229	50.033	ug/l	99
86) p-Isopropyltoluene	12.012	119	501105	50.053	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	257956	50.500	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	261664	51.305	ug/l	98
89) n-Butylbenzene	12.335	91	411198	48.665	ug/l	100
90) Hexachloroethane	12.542	117	75862	52.918	ug/l	89
91) 1,2-Dichlorobenzene	12.335	146	260795	51.940	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	44477	52.843	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	158695	51.828	ug/l	98
94) Hexachlorobutadiene	13.725	225	61073	48.717	ug/l	94
95) Naphthalene	13.774	128	615723	56.017	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	161755	52.747	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062122\
Data File : VX029657.D
Acq On : 21 Jun 2022 12:40
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 : John Carlone 06/22/2022
Supervised By : Mahesh Dadoda 06/23/2022

Quant Time: Jun 22 01:09:56 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 20 01:31:01 2022
Response via : Initial Calibration

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

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

