

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070722\
 Data File : VX029963.D
 Acq On : 07 Jul 2022 18:24
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/08/2022
 Supervised By : Mahesh Dadoda 07/08/2022

Quant Time: Jul 08 05:35:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 05:54:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	198331	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	350962	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	312819	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	151363	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	123192	49.070	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.140%		
35) Dibromofluoromethane	5.397	113	113961	51.958	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	103.920%		
50) Toluene-d8	8.653	98	422393	51.335	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	102.660%		
62) 4-Bromofluorobenzene	11.085	95	153403	52.742	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	105.480%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	87995	45.497	ug/l	99
3) Chloromethane	1.288	50	90064	40.416	ug/l	98
4) Vinyl Chloride	1.374	62	104420	47.113	ug/l	99
5) Bromomethane	1.605	94	36351	29.768	ug/l	95
6) Chloroethane	1.678	64	62433	49.476	ug/l	95
7) Trichlorofluoromethane	1.886	101	135193	47.518	ug/l	99
8) Diethyl Ether	2.136	74	59992	47.042	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.325	101	89429	44.961	ug/l	96
10) Methyl Iodide	2.453	142	64776	24.751	ug/l	99
11) Tert butyl alcohol	2.989	59	163610	249.190	ug/l	100
12) 1,1-Dichloroethene	2.319	96	93713	45.881	ug/l	92
13) Acrolein	2.239	56	86856	283.132	ug/l	98
14) Allyl chloride	2.666	41	171501	45.497	ug/l	98
15) Acrylonitrile	3.068	53	372539	243.046	ug/l	98
16) Acetone	2.392	43	288088	234.555	ug/l	100
17) Carbon Disulfide	2.508	76	203067	39.983	ug/l	99
18) Methyl Acetate	2.709	43	178908	47.248	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	333014	48.291	ug/l	97
20) Methylene Chloride	2.788	84	113111	43.606	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	99817	44.556	ug/l	96
22) Diisopropyl ether	3.763	45	359218	47.157	ug/l	99
23) Vinyl Acetate	3.727	43	1563808	237.364	ug/l	100
24) 1,1-Dichloroethane	3.611	63	190074	47.314	ug/l	99
25) 2-Butanone	4.568	43	506665	237.671	ug/l	98
26) 2,2-Dichloropropane	4.477	77	120171	45.577	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	125102	47.296	ug/l	98
28) Bromochloromethane	4.903	49	80868	50.225	ug/l	97
29) Tetrahydrofuran	5.013	42	335972	239.483	ug/l	99
30) Chloroform	5.099	83	193312	49.073	ug/l	100
31) Cyclohexane	5.477	56	152208	43.483	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	148413	47.312	ug/l	99
36) 1,1-Dichloropropene	5.696	75	131760	45.167	ug/l	99
37) Ethyl Acetate	4.721	43	188547	47.258	ug/l	99
38) Carbon Tetrachloride	5.684	117	121299	47.987	ug/l	98
39) Methylcyclohexane	7.385	83	156370	44.334	ug/l	95
40) Benzene	6.044	78	442503	46.911	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070722\
 Data File : VX029963.D
 Acq On : 07 Jul 2022 18:24
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/08/2022
 Supervised By : Mahesh Dadoda 07/08/2022

Quant Time: Jul 08 05:35:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 05:54:51 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	105655	49.816	ug/l	99
42) 1,2-Dichloroethane	6.092	62	139415	48.157	ug/l	99
43) Isopropyl Acetate	6.348	43	287423	47.841	ug/l	99
44) Trichloroethene	7.129	130	116647	45.918	ug/l	100
45) 1,2-Dichloropropane	7.434	63	117211	47.038	ug/l	99
46) Dibromomethane	7.580	93	78774	48.325	ug/l	97
47) Bromodichloromethane	7.824	83	144367	49.410	ug/l	99
48) Methyl methacrylate	7.696	41	136545	47.935	ug/l	99
49) 1,4-Dioxane	7.677	88	68782	1019.708	ug/l	97
51) 4-Methyl-2-Pentanone	8.580	43	968982	244.589	ug/l	100
52) Toluene	8.720	92	269211	47.297	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	155882	50.064	ug/l	97
54) cis-1,3-Dichloropropene	8.372	75	171740	48.810	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	119481	48.181	ug/l	98
56) Ethyl methacrylate	9.122	69	191743	49.041	ug/l	99
57) 1,3-Dichloropropane	9.311	76	193298	48.450	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	419392	224.794	ug/l	99
59) 2-Hexanone	9.433	43	761851	247.800	ug/l	100
60) Dibromochloromethane	9.525	129	112369	51.286	ug/l	99
61) 1,2-Dibromoethane	9.610	107	123746	48.831	ug/l	98
64) Tetrachloroethene	9.275	164	104758	55.520	ug/l	96
65) Chlorobenzene	10.079	112	292393	46.564	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	104639	49.873	ug/l	99
67) Ethyl Benzene	10.195	91	507679	46.482	ug/l	99
68) m/p-Xylenes	10.305	106	394832	94.255	ug/l	99
69) o-Xylene	10.646	106	199029	46.908	ug/l	100
70) Styrene	10.659	104	336263	47.945	ug/l	99
71) Bromoform	10.805	173	79682	53.243	ug/l #	98
73) Isopropylbenzene	10.963	105	500152	45.666	ug/l	99
74) N-amyl acetate	10.848	43	252013	46.474	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	191736	44.467	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	170750m	47.124	ug/l	
77) Bromobenzene	11.201	156	122623	46.548	ug/l	98
78) n-propylbenzene	11.305	91	586134	45.375	ug/l	99
79) 2-Chlorotoluene	11.366	91	351476	45.766	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	413871	45.519	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	57509	50.404	ug/l	97
82) 4-Chlorotoluene	11.457	91	392248	44.831	ug/l	99
83) tert-Butylbenzene	11.719	119	403967	44.830	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	421233	46.248	ug/l	100
85) sec-Butylbenzene	11.890	105	534925	47.109	ug/l	99
86) p-Isopropyltoluene	12.012	119	427176	47.134	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	234048	46.274	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	230530	44.668	ug/l	99
89) n-Butylbenzene	12.335	91	396695	46.565	ug/l	99
90) Hexachloroethane	12.542	117	68223	46.146	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	230143	46.317	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	42635	47.318	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	142931	47.467	ug/l	99
94) Hexachlorobutadiene	13.725	225	52139	46.807	ug/l	98
95) Naphthalene	13.780	128	600153	49.091	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	148707	48.239	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070722\
Data File : VX029963.D
Acq On : 07 Jul 2022 18:24
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By : John Carlone 07/08/2022
Supervised By : Mahesh Dadoda 07/08/2022

Quant Time: Jul 08 05:35:43 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062822W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 29 05:54:51 2022
Response via : Initial Calibration

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

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

