

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070622\
 Data File : VX029932.D
 Acq On : 06 Jul 2022 09:02
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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

Quant Time: Jul 07 02:30:59 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	5.556	168	227259	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	392456	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	349995	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	174620	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	134957	46.914	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.820%		
35) Dibromofluoromethane	5.385	113	120149	48.988	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.980%		
50) Toluene-d8	8.653	98	470636	51.150	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	102.300%		
62) 4-Bromofluorobenzene	11.085	95	170834	52.525	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	105.060%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	109239	49.292	ug/l	100
3) Chloromethane	1.288	50	111695	43.743	ug/l	99
4) Vinyl Chloride	1.374	62	125205	49.301	ug/l	100
5) Bromomethane	1.611	94	52594	37.587	ug/l	97
6) Chloroethane	1.685	64	62773	41.579	ug/l	95
7) Trichlorofluoromethane	1.886	101	161517	49.545	ug/l	93
8) Diethyl Ether	2.136	74	68016	46.545	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.325	101	109833	48.190	ug/l	97
10) Methyl Iodide	2.453	142	109486	35.619	ug/l	99
11) Tert butyl alcohol	2.995	59	171432	227.867	ug/l	99
12) 1,1-Dichloroethene	2.319	96	110609	47.260	ug/l	98
13) Acrolein	2.239	56	39870	110.196	ug/l	99
14) Allyl chloride	2.666	41	198266	45.902	ug/l	98
15) Acrylonitrile	3.069	53	402537	229.189	ug/l	99
16) Acetone	2.392	43	310832	220.859	ug/l	98
17) Carbon Disulfide	2.508	76	258266	44.379	ug/l	98
18) Methyl Acetate	2.709	43	195545	45.068	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	372982	47.202	ug/l	100
20) Methylene Chloride	2.788	84	129640	43.616	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	118134	46.020	ug/l	95
22) Diisopropyl ether	3.764	45	402666	46.132	ug/l	94
23) Vinyl Acetate	3.727	43	1757439	232.799	ug/l	99
24) 1,1-Dichloroethane	3.611	63	219253	47.631	ug/l	99
25) 2-Butanone	4.562	43	548412	224.508	ug/l	99
26) 2,2-Dichloropropane	4.477	77	155647	51.517	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	144966	47.830	ug/l	97
28) Bromochloromethane	4.904	49	85922	46.571	ug/l	96
29) Tetrahydrofuran	5.007	42	366642	228.078	ug/l	100
30) Chloroform	5.099	83	217895	48.272	ug/l	100
31) Cyclohexane	5.471	56	192940	48.103	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	173551	48.284	ug/l	99
36) 1,1-Dichloropropene	5.696	75	157971	48.427	ug/l	99
37) Ethyl Acetate	4.721	43	204588	45.857	ug/l	99
38) Carbon Tetrachloride	5.678	117	144013	50.950	ug/l	94
39) Methylcyclohexane	7.379	83	206496	52.355	ug/l	98
40) Benzene	6.037	78	512687	48.605	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	112598	47.476	ug/l	99
42) 1,2-Dichloroethane	6.086	62	156177	48.244	ug/l	99
43) Isopropyl Acetate	6.342	43	320975	47.777	ug/l	100
44) Trichloroethene	7.129	130	134239	47.256	ug/l	98
45) 1,2-Dichloropropane	7.428	63	134293	48.195	ug/l	97
46) Dibromomethane	7.586	93	90399	49.593	ug/l	98
47) Bromodichloromethane	7.824	83	164547	50.362	ug/l	96
48) Methyl methacrylate	7.696	41	153665	48.241	ug/l	98
49) 1,4-Dioxane	7.690	88	73413	973.292	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	1058458	238.926	ug/l	100
52) Toluene	8.720	92	317608	49.900	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	179544	51.567	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	202070	51.358	ug/l	100
55) 1,1,2-Trichloroethane	9.153	97	133066	47.986	ug/l	96
56) Ethyl methacrylate	9.116	69	216260	49.463	ug/l	100
57) 1,3-Dichloropropane	9.311	76	215068	48.207	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	466443	223.579	ug/l	99
59) 2-Hexanone	9.433	43	820182	238.567	ug/l	100
60) Dibromochloromethane	9.525	129	125612	51.268	ug/l	98
61) 1,2-Dibromoethane	9.610	107	136285	48.093	ug/l	100
64) Tetrachloroethene	9.275	164	123923	58.701	ug/l	98
65) Chlorobenzene	10.079	112	337238	48.001	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	120248	51.225	ug/l	99
67) Ethyl Benzene	10.195	91	604097	49.435	ug/l	100
68) m/p-Xylenes	10.305	106	468195	99.897	ug/l	99
69) o-Xylene	10.646	106	229669	48.380	ug/l	100
70) Styrene	10.659	104	390195	49.725	ug/l	99
71) Bromoform	10.799	173	89629	53.528	ug/l	100
73) Isopropylbenzene	10.963	105	590302	46.718	ug/l	99
74) N-amyl acetate	10.842	43	280704	44.870	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	219740	44.175	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	196117m	46.916	ug/l	
77) Bromobenzene	11.201	156	140507	46.233	ug/l	99
78) n-propylbenzene	11.305	91	716983	48.112	ug/l	99
79) 2-Chlorotoluene	11.366	91	414499	46.784	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	500462	47.711	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	68135	51.764	ug/l	99
82) 4-Chlorotoluene	11.457	91	475335	47.091	ug/l	99
83) tert-Butylbenzene	11.713	119	488731	47.013	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	511563	48.685	ug/l	100
85) sec-Butylbenzene	11.890	105	666621	50.888	ug/l	99
86) p-Isopropyltoluene	12.012	119	543261	51.959	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	280567	48.083	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	276019	46.359	ug/l	99
89) n-Butylbenzene	12.335	91	526665	53.587	ug/l	99
90) Hexachloroethane	12.542	117	89569	52.515	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	275784	48.110	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	51680	49.718	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	167355	48.176	ug/l	98
94) Hexachlorobutadiene	13.725	225	61803	48.094	ug/l	98
95) Naphthalene	13.780	128	673835	47.777	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	170499	47.942	ug/l	100

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

