

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080222\
 Data File : VX030340.D
 Acq On : 02 Aug 2022 09:53
 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 08/03/2022
 Supervised By : Mahesh Dadoda 08/03/2022

Quant Time: Aug 02 15:47:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 25 16:49:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.549	168	138223	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.763	114	235090	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	241211	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	150279	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	149236	53.717	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.440%			
35) Dibromofluoromethane	5.385	113	121299	53.974	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.940%			
50) Toluene-d8	8.653	98	443079	50.910	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.820%			
62) 4-Bromofluorobenzene	11.079	95	170947	52.925	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.860%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	120062	52.935	ug/l	97
3) Chloromethane	1.288	50	93798	41.820	ug/l	100
4) Vinyl Chloride	1.373	62	110327	48.736	ug/l	100
5) Bromomethane	1.605	94	36734	45.780	ug/l	95
6) Chloroethane	1.678	64	67456	51.897	ug/l	94
7) Trichlorofluoromethane	1.879	101	160379	53.774	ug/l	97
8) Diethyl Ether	2.135	74	60809	52.066	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.324	101	117346	53.120	ug/l	99
10) Methyl Iodide	2.446	142	54002	25.844	ug/l	95
11) Tert butyl alcohol	3.001	59	188628	278.343	ug/l	100
12) 1,1-Dichloroethene	2.318	96	112582	52.139	ug/l	97
13) Acrolein	2.239	56	42537	255.378	ug/l	96
14) Allyl chloride	2.660	41	238407	53.506	ug/l	98
15) Acrylonitrile	3.068	53	442127	264.005	ug/l	99
16) Acetone	2.385	43	411036	288.981	ug/l	96
17) Carbon Disulfide	2.507	76	264625	45.401	ug/l	99
18) Methyl Acetate	2.702	43	232738	55.320	ug/l	94
19) Methyl tert-butyl Ether	3.117	73	412603	55.785	ug/l	99
20) Methylene Chloride	2.788	84	135940	56.067	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	120262	50.460	ug/l	98
22) Diisopropyl ether	3.763	45	479844	56.918	ug/l	87
23) Vinyl Acetate	3.721	43	2083182	284.861	ug/l	97
24) 1,1-Dichloroethane	3.611	63	240137	53.605	ug/l	99
25) 2-Butanone	4.562	43	664070	277.832	ug/l	95
26) 2,2-Dichloropropane	4.476	77	185750	57.343	ug/l	96
27) cis-1,2-Dichloroethene	4.483	96	146103	52.131	ug/l	92
28) Bromochloromethane	4.897	49	110766	58.528	ug/l	93
29) Tetrahydrofuran	5.007	42	426731	265.346	ug/l	94
30) Chloroform	5.098	83	241582	54.466	ug/l	99
31) Cyclohexane	5.470	56	209951	52.049	ug/l	92
32) 1,1,1-Trichloroethane	5.379	97	199930	55.453	ug/l	99
36) 1,1-Dichloropropene	5.690	75	171011	52.876	ug/l	97
37) Ethyl Acetate	4.714	43	241503	52.730	ug/l	98
38) Carbon Tetrachloride	5.678	117	164101	54.351	ug/l	96
39) Methylcyclohexane	7.378	83	210527	50.430	ug/l	95
40) Benzene	6.037	78	534757	52.553	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	135582	55.226	ug/l	95
42) 1,2-Dichloroethane	6.086	62	188151	53.511	ug/l	96
43) Isopropyl Acetate	6.342	43	367105	54.678	ug/l	98
44) Trichloroethene	7.122	130	138679	49.877	ug/l	92
45) 1,2-Dichloropropane	7.433	63	147545	54.364	ug/l	96
46) Dibromomethane	7.580	93	96763	52.427	ug/l	96
47) Bromodichloromethane	7.823	83	186416	55.560	ug/l	97
48) Methyl methacrylate	7.689	41	184658	55.878	ug/l	93
49) 1,4-Dioxane	7.671	88	73193	958.948	ug/l	92
51) 4-Methyl-2-Pentanone	8.573	43	1240021	272.051	ug/l	96
52) Toluene	8.720	92	329000	52.994	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	203651	56.308	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	222611	56.481	ug/l	97
55) 1,1,2-Trichloroethane	9.152	97	140627	53.201	ug/l	97
56) Ethyl methacrylate	9.116	69	230762	55.224	ug/l	93
57) 1,3-Dichloropropane	9.311	76	235913	54.068	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	609364	293.835	ug/l	96
59) 2-Hexanone	9.433	43	972108	270.327	ug/l	96
60) Dibromochloromethane	9.524	129	137667	56.261	ug/l	98
61) 1,2-Dibromoethane	9.610	107	143859	52.121	ug/l	99
64) Tetrachloroethene	9.274	164	129158	49.737	ug/l	95
65) Chlorobenzene	10.079	112	348401	53.172	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	124996	56.117	ug/l	99
67) Ethyl Benzene	10.195	91	638718	50.726	ug/l	97
68) m/p-Xylenes	10.305	106	484371	109.124	ug/l	96
69) o-Xylene	10.640	106	235836	53.908	ug/l	92
70) Styrene	10.658	104	406997	56.626	ug/l	97
71) Bromoform	10.799	173	96244	58.774	ug/l #	99
73) Isopropylbenzene	10.963	105	629720	53.676	ug/l	98
74) N-amyl acetate	10.841	43	323082	56.663	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	223511	52.051	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	211357m	53.356	ug/l	
77) Bromobenzene	11.201	156	141306	51.317	ug/l	93
78) n-propylbenzene	11.305	91	770659	55.038	ug/l	98
79) 2-Chlorotoluene	11.366	91	452766	51.204	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	529435	53.895	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	73399	55.586	ug/l	97
82) 4-Chlorotoluene	11.457	91	522756	54.110	ug/l	97
83) tert-Butylbenzene	11.719	119	504964	55.459	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	537596	54.854	ug/l	97
85) sec-Butylbenzene	11.890	105	691286	55.470	ug/l	98
86) p-Isopropyltoluene	12.012	119	556521	55.817	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	273676	51.105	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	281446	51.628	ug/l	99
89) n-Butylbenzene	12.335	91	550264	59.279	ug/l	99
90) Hexachloroethane	12.542	117	93996	54.754	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	276717	52.645	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.944	75	59790	58.055	ug/l	82
93) 1,2,4-Trichlorobenzene	13.591	180	178387	58.522	ug/l	97
94) Hexachlorobutadiene	13.725	225	67225	54.925	ug/l	99
95) Naphthalene	13.774	128	710470	59.670	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	180516	57.744	ug/l	98

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

