

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102422\
 Data File : VX032351.D
 Acq On : 24 Oct 2022 19:26
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 10/25/2022
 Supervised By :Mahesh Dadoda 10/26/2022

Quant Time: Oct 25 03:59:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101922W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 22 04:56:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	125658	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	198463	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	180027	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	97812	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	86531	52.934	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.860%			
35) Dibromofluoromethane	5.391	113	70810	51.273	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.540%			
50) Toluene-d8	8.653	98	244335	49.149	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.300%			
62) 4-Bromofluorobenzene	11.079	95	97868	53.761	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.520%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	54853	47.715	ug/l	97
3) Chloromethane	1.295	50	50194	44.896	ug/l	97
4) Vinyl Chloride	1.374	62	56452	45.594	ug/l	99
5) Bromomethane	1.612	94	69464	53.584	ug/l	97
6) Chloroethane	1.685	64	41089	36.900	ug/l	95
7) Trichlorofluoromethane	1.886	101	114820	52.166	ug/l	100
8) Diethyl Ether	2.136	74	38501	51.473	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	59000	49.443	ug/l	98
10) Methyl Iodide	2.453	142	61187	35.482	ug/l	97
11) Tert butyl alcohol	2.977	59	58850	256.204	ug/l	97
12) 1,1-Dichloroethene	2.319	96	54798	48.857	ug/l	93
13) Acrolein	2.239	56	57448	288.691	ug/l	98
14) Allyl chloride	2.666	41	91393	51.882	ug/l	99
15) Acrylonitrile	3.063	53	155474	253.594	ug/l	99
16) Acetone	2.386	43	135522	255.467	ug/l	99
17) Carbon Disulfide	2.514	76	123082	46.875	ug/l	100
18) Methyl Acetate	2.703	43	94648	52.553	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	208459	53.937	ug/l	99
20) Methylene Chloride	2.788	84	62936	46.204	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	59607	48.794	ug/l	98
22) Diisopropyl ether	3.764	45	204340	52.972	ug/l	91
23) Vinyl Acetate	3.721	43	812505	263.531	ug/l	100
24) 1,1-Dichloroethane	3.611	63	114240	51.256	ug/l	99
25) 2-Butanone	4.556	43	216952	261.944	ug/l	98
26) 2,2-Dichloropropane	4.477	77	87766	54.655	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	74490	52.080	ug/l	99
28) Bromochloromethane	4.904	49	43737	47.564	ug/l	99
29) Tetrahydrofuran	5.007	42	136311	254.819	ug/l	99
30) Chloroform	5.099	83	129159	53.242	ug/l	100
31) Cyclohexane	5.477	56	91403	48.911	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	117377	56.739	ug/l	99
36) 1,1-Dichloropropene	5.696	75	88572	49.858	ug/l	99
37) Ethyl Acetate	4.715	43	86820	49.914	ug/l	100
38) Carbon Tetrachloride	5.678	117	102713	54.769	ug/l	99
39) Methylcyclohexane	7.385	83	101731	47.936	ug/l	97
40) Benzene	6.044	78	252296	49.000	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	49491	53.959	ug/l	97
42) 1,2-Dichloroethane	6.086	62	105957	53.725	ug/l	99
43) Isopropyl Acetate	6.342	43	146771	53.762	ug/l	100
44) Trichloroethene	7.129	130	69986	49.360	ug/l	98
45) 1,2-Dichloropropane	7.434	63	66550	51.236	ug/l	99
46) Dibromomethane	7.580	93	50773	52.410	ug/l	98
47) Bromodichloromethane	7.824	83	102446	57.246	ug/l	96
48) Methyl methacrylate	7.696	41	74119	54.439	ug/l	98
49) 1,4-Dioxane	7.684	88	26925	985.391	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	461935	269.931	ug/l	100
52) Toluene	8.720	92	166442	49.902	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	104178	51.600	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	109268	54.796	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	71717	52.930	ug/l	97
56) Ethyl methacrylate	9.116	69	107521	55.099	ug/l	98
57) 1,3-Dichloropropane	9.311	76	115286	52.529	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	211733	236.718	ug/l	100
59) 2-Hexanone	9.433	43	341845	267.712	ug/l	100
60) Dibromochloromethane	9.525	129	83195	59.910	ug/l	99
61) 1,2-Dibromoethane	9.610	107	77068	53.655	ug/l	98
64) Tetrachloroethene	9.275	164	57996	48.786	ug/l	97
65) Chlorobenzene	10.080	112	187905	50.909	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	73408	55.582	ug/l	99
67) Ethyl Benzene	10.195	91	341091	52.196	ug/l	100
68) m/p-Xylenes	10.305	106	265923	103.042	ug/l	98
69) o-Xylene	10.640	106	130983	52.980	ug/l	100
70) Styrene	10.659	104	222667	53.409	ug/l	99
71) Bromoform	10.799	173	61868	54.992	ug/l #	100
73) Isopropylbenzene	10.964	105	352022	50.438	ug/l	100
74) N-amyl acetate	10.842	43	137547	53.345	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	113109	50.409	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	101851m	52.553	ug/l	
77) Bromobenzene	11.201	156	86225	50.402	ug/l	98
78) n-propylbenzene	11.305	91	410199	51.328	ug/l	100
79) 2-Chlorotoluene	11.366	91	244243	50.710	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	305400	50.660	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	31454	50.940	ug/l	98
82) 4-Chlorotoluene	11.457	91	288812	51.504	ug/l	100
83) tert-Butylbenzene	11.720	119	309028	51.234	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	309362	52.783	ug/l	99
85) sec-Butylbenzene	11.890	105	378160	51.878	ug/l	99
86) p-Isopropyltoluene	12.012	119	323692	52.188	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	163653	49.702	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	168127	49.707	ug/l	99
89) n-Butylbenzene	12.335	91	278711	51.018	ug/l	99
90) Hexachloroethane	12.543	117	54189	56.304	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	166558	51.527	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	25110	58.574	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	102976	48.936	ug/l	99
94) Hexachlorobutadiene	13.725	225	42558	46.598	ug/l	99
95) Naphthalene	13.774	128	349046	51.789	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	104171	49.217	ug/l	99

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

