

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092222\
 Data File : VX031613.D
 Acq On : 23 Sep 2022 10:31
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/24/2022
 Supervised By :Mahesh Dadoda 09/24/2022

Quant Time: Sep 23 15:53:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 09:45:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	55930	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	84791	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	103094	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	101320	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	52982	51.592	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.180%			
35) Dibromofluoromethane	5.391	113	46254	52.818	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.640%			
50) Toluene-d8	8.653	98	182842	54.125	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 108.240%			
62) 4-Bromofluorobenzene	11.079	95	80922	70.719	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 141.440%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	38260	47.579	ug/l	98
3) Chloromethane	1.288	50	43962	41.209	ug/l	99
4) Vinyl Chloride	1.374	62	52333	43.020	ug/l	98
5) Bromomethane	1.611	94	120082	69.327	ug/l	100
6) Chloroethane	1.685	64	72487	69.982	ug/l	97
7) Trichlorofluoromethane	1.886	101	129518	46.939	ug/l	99
8) Diethyl Ether	2.136	74	40626	42.750	ug/l	84
9) 1,1,2-Trichlorotrifluo...	2.331	101	39473	43.831	ug/l	92
10) Methyl Iodide	2.453	142	51917	59.585	ug/l	99
11) Tert butyl alcohol	3.008	59	46938m	211.937	ug/l	
12) 1,1-Dichloroethene	2.319	96	37457	43.025	ug/l	91
13) Acrolein	2.239	56	13850	118.274	ug/l	99
14) Allyl chloride	2.666	41	55009	38.747	ug/l #	88
15) Acrylonitrile	3.069	53	114268	211.695	ug/l	98
16) Acetone	2.392	43	93201	228.573	ug/l	97
17) Carbon Disulfide	2.514	76	88615	37.778	ug/l	98
18) Methyl Acetate	2.709	43	62787	40.963	ug/l	93
19) Methyl tert-butyl Ether	3.117	73	142685	45.317	ug/l	98
20) Methylene Chloride	2.788	84	44216	48.168	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	43929	44.685	ug/l	93
22) Diisopropyl ether	3.764	45	141327	45.970	ug/l	96
23) Vinyl Acetate	3.727	43	599525	228.029	ug/l	97
24) 1,1-Dichloroethane	3.611	63	76471	44.015	ug/l	99
25) 2-Butanone	4.562	43	164525	207.762	ug/l	96
26) 2,2-Dichloropropane	4.477	77	66842	43.555	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	52405	44.229	ug/l	90
28) Bromochloromethane	4.897	49	33205	47.842	ug/l	85
29) Tetrahydrofuran	5.013	42	107693	208.533	ug/l	92
30) Chloroform	5.099	83	91416	47.976	ug/l	95
31) Cyclohexane	5.471	56	65048	42.757	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	78491	45.352	ug/l	99
36) 1,1-Dichloropropene	5.696	75	63427	47.060	ug/l	98
37) Ethyl Acetate	4.721	43	68300	42.479	ug/l	99
38) Carbon Tetrachloride	5.684	117	69172	46.302	ug/l	99
39) Methylcyclohexane	7.379	83	73511	44.328	ug/l	92
40) Benzene	6.044	78	188109	46.783	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	34167	42.680	ug/l	93
42) 1,2-Dichloroethane	6.086	62	70709	47.710	ug/l	98
43) Isopropyl Acetate	6.342	43	110572	44.744	ug/l	98
44) Trichloroethene	7.129	130	52544	46.089	ug/l	90
45) 1,2-Dichloropropane	7.434	63	45274	44.793	ug/l	97
46) Dibromomethane	7.580	93	36158	46.475	ug/l	92
47) Bromodichloromethane	7.824	83	67985	46.477	ug/l	96
48) Methyl methacrylate	7.696	41	49631	43.960	ug/l	89
49) 1,4-Dioxane	7.696	88	22771	883.172	ug/l	93
51) 4-Methyl-2-Pentanone	8.574	43	377494	237.493	ug/l	99
52) Toluene	8.720	92	144460	55.087	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	77899	51.463	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	77615	46.884	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	54153	50.116	ug/l	97
56) Ethyl methacrylate	9.116	69	81485	53.021	ug/l	95
57) 1,3-Dichloropropane	9.311	76	87241	49.199	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	170528	267.741	ug/l	93
59) 2-Hexanone	9.433	43	296557	248.425	ug/l	97
60) Dibromochloromethane	9.525	129	64364	56.094	ug/l	98
61) 1,2-Dibromoethane	9.610	107	64744	55.618	ug/l	100
64) Tetrachloroethene	9.275	164	54846	44.292	ug/l	96
65) Chlorobenzene	10.079	112	157117	49.420	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	57528	50.152	ug/l	98
67) Ethyl Benzene	10.195	91	283745	50.549	ug/l	99
68) m/p-Xylenes	10.305	106	251351	111.424	ug/l	98
69) o-Xylene	10.640	106	119683	55.585	ug/l	96
70) Styrene	10.659	104	209985	59.233	ug/l	98
71) Bromoform	10.799	173	50887	55.446	ug/l #	97
73) Isopropylbenzene	10.963	105	329389	43.534	ug/l	99
74) N-amyl acetate	10.842	43	118036	38.490	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	101241	48.952	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	90836m	40.169	ug/l	
77) Bromobenzene	11.201	156	80032	42.918	ug/l	94
78) n-propylbenzene	11.305	91	383264	44.029	ug/l	100
79) 2-Chlorotoluene	11.366	91	227889	43.983	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	303548	47.274	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	29201	41.578	ug/l	94
82) 4-Chlorotoluene	11.457	91	285021	46.875	ug/l	99
83) tert-Butylbenzene	11.713	119	287000	46.116	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	298917	47.269	ug/l	98
85) sec-Butylbenzene	11.890	105	364778	46.315	ug/l	100
86) p-Isopropyltoluene	12.012	119	325953	49.011	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	166166	46.490	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	175513	47.079	ug/l	98
89) n-Butylbenzene	12.335	91	265604	46.884	ug/l	99
90) Hexachloroethane	12.542	117	51091	44.708	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	166580	46.281	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	21911	42.145	ug/l	87
93) 1,2,4-Trichlorobenzene	13.591	180	89353	45.053	ug/l	99
94) Hexachlorobutadiene	13.725	225	31668	46.060	ug/l	99
95) Naphthalene	13.774	128	319660	44.009	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	88441	43.266	ug/l	98

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

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