

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110922\
 Data File : VX032697.D
 Acq On : 10 Nov 2022 01:27
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 10 03:08:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/10/2022
 Supervised By : Mahesh Dadoda 11/10/2022

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	104625	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	166283	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	155626	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	83523	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	74968	51.569	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.140%			
35) Dibromofluoromethane	5.385	113	61260	51.648	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.300%			
50) Toluene-d8	8.647	98	205065	49.720	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.440%			
62) 4-Bromofluorobenzene	11.079	95	86194	53.501	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.000%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	59130	49.002	ug/l	99
3) Chloromethane	1.294	50	45506	44.592	ug/l	100
4) Vinyl Chloride	1.374	62	54102	48.172	ug/l	98
5) Bromomethane	1.618	94	35281	39.309	ug/l	96
6) Chloroethane	1.691	64	49422	65.594	ug/l	99
7) Trichlorofluoromethane	1.886	101	108002	50.751	ug/l	99
8) Diethyl Ether	2.130	74	34981	50.725	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	57815	51.474	ug/l	99
10) Methyl Iodide	2.453	142	51268	41.381	ug/l	99
11) Tert butyl alcohol	3.008	59	52824m	249.652	ug/l	
12) 1,1-Dichloroethene	2.319	96	52301	49.846	ug/l	93
13) Acrolein	2.239	56	52816	250.039	ug/l	98
14) Allyl chloride	2.666	41	86563	51.754	ug/l	98
15) Acrylonitrile	3.068	53	139240	242.477	ug/l	99
16) Acetone	2.392	43	122865	232.537	ug/l	99
17) Carbon Disulfide	2.514	76	110019	44.023	ug/l	100
18) Methyl Acetate	2.703	43	91876	53.473	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	201085	54.527	ug/l	99
20) Methylene Chloride	2.788	84	60403	49.860	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	57373	50.234	ug/l	98
22) Diisopropyl ether	3.757	45	201621	55.731	ug/l	89
23) Vinyl Acetate	3.721	43	769393	263.231	ug/l	100
24) 1,1-Dichloroethane	3.611	63	111782	53.717	ug/l	99
25) 2-Butanone	4.562	43	192106	234.680	ug/l	97
26) 2,2-Dichloropropane	4.477	77	82482	49.863	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	71307	54.014	ug/l	99
28) Bromochloromethane	4.897	49	36288	48.957	ug/l	99
29) Tetrahydrofuran	5.007	42	123569	236.730	ug/l	100
30) Chloroform	5.093	83	127563	55.865	ug/l	100
31) Cyclohexane	5.477	56	88997	50.491	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	113378	55.332	ug/l	99
36) 1,1-Dichloropropene	5.696	75	84633	51.239	ug/l	100
37) Ethyl Acetate	4.708	43	78887	45.884	ug/l	99
38) Carbon Tetrachloride	5.678	117	99026	54.054	ug/l	99
39) Methylcyclohexane	7.385	83	95343	48.788	ug/l	98
40) Benzene	6.037	78	243849	52.170	ug/l	99

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41) Methacrylonitrile	4.916	41	45893	52.399	ug/l	98
42) 1,2-Dichloroethane	6.086	62	103794	54.324	ug/l	100
43) Isopropyl Acetate	6.336	43	135611	51.372	ug/l	99
44) Trichloroethene	7.123	130	67497	51.298	ug/l	95
45) 1,2-Dichloropropane	7.427	63	64173	53.485	ug/l	99
46) Dibromomethane	7.580	93	48665	52.887	ug/l	98
47) Bromodichloromethane	7.824	83	96728	55.464	ug/l	97
48) Methyl methacrylate	7.696	41	70181	51.476	ug/l	99
49) 1,4-Dioxane	7.708	88	23154	891.148	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	414859	249.502	ug/l	99
52) Toluene	8.720	92	163623	53.655	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	100390	56.418	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	103363	54.310	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	68298	53.180	ug/l	98
56) Ethyl methacrylate	9.116	69	101732	55.045	ug/l	99
57) 1,3-Dichloropropane	9.311	76	111362	53.695	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	229313	257.681	ug/l	100
59) 2-Hexanone	9.433	43	305432	247.558	ug/l	100
60) Dibromochloromethane	9.525	129	76281	54.379	ug/l	100
61) 1,2-Dibromoethane	9.610	107	73541	54.043	ug/l	97
64) Tetrachloroethene	9.275	164	58359	51.234	ug/l	97
65) Chlorobenzene	10.079	112	181320	52.012	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	70578	53.793	ug/l	99
67) Ethyl Benzene	10.195	91	330657	53.041	ug/l	99
68) m/p-Xylenes	10.299	106	254326	105.063	ug/l	99
69) o-Xylene	10.640	106	125193	53.193	ug/l	100
70) Styrene	10.653	104	212494	54.326	ug/l	99
71) Bromoform	10.799	173	55643	53.640	ug/l #	99
73) Isopropylbenzene	10.963	105	337063	50.927	ug/l	99
74) N-amyl acetate	10.841	43	129804	51.906	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	104383	49.134	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	94409m	50.807	ug/l	
77) Bromobenzene	11.195	156	84063	51.808	ug/l	99
78) n-propylbenzene	11.305	91	387216	50.780	ug/l	100
79) 2-Chlorotoluene	11.366	91	236937	51.884	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	292005	51.622	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	27985	47.923	ug/l	98
82) 4-Chlorotoluene	11.457	91	276512	51.746	ug/l	100
83) tert-Butylbenzene	11.713	119	294568	52.160	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	293530	52.173	ug/l	99
85) sec-Butylbenzene	11.890	105	350001	51.506	ug/l	100
86) p-Isopropyltoluene	12.012	119	296486	51.419	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	159473	52.102	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	158408	49.887	ug/l	100
89) n-Butylbenzene	12.335	91	252817	50.399	ug/l	100
90) Hexachloroethane	12.542	117	48196	51.173	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	158503	52.519	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	21790	46.780	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	97594	49.595	ug/l	98
94) Hexachlorobutadiene	13.725	225	39233	47.738	ug/l	99
95) Naphthalene	13.774	128	319779	48.769	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	97878	48.931	ug/l	100

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

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