

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040824\
 Data File : VX040939.D
 Acq On : 08 Apr 2024 18:49
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/09/2024
 Supervised By : Semsettin Yesilyurt 04/09/2024

Quant Time: Apr 09 02:53:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040124W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 02 05:40:55 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	49280	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	83244	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	78258	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	41215	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	46047	52.076	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.160%			
35) Dibromofluoromethane	5.385	113	31406	53.265	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.540%			
50) Toluene-d8	8.647	98	107681	50.541	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.080%			
62) 4-Bromofluorobenzene	11.079	95	42902	50.424	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.840%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	27241	40.782	ug/l	96
3) Chloromethane	1.301	50	26657	46.196	ug/l	95
4) Vinyl Chloride	1.374	62	29504	49.532	ug/l	97
5) Bromomethane	1.599	94	18538	50.588	ug/l	98
6) Chloroethane	1.685	64	18934	49.311	ug/l	100
7) Trichlorofluoromethane	1.886	101	51684	45.328	ug/l	98
8) Diethyl Ether	2.136	74	17202	46.685	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	25657	43.647	ug/l	99
10) Methyl Iodide	2.453	142	30102	42.215	ug/l	98
11) Tert butyl alcohol	2.959	59	38364	237.647	ug/l #	91
12) 1,1-Dichloroethene	2.319	96	23415	42.471	ug/l	91
13) Acrolein	2.233	56	19921	226.065	ug/l	98
14) Allyl chloride	2.666	41	44281	44.836	ug/l	89
15) Acrylonitrile	3.062	53	76483	224.591	ug/l	97
16) Acetone	2.380	43	73170	213.116	ug/l	98
17) Carbon Disulfide	2.514	76	60071	37.664	ug/l	100
18) Methyl Acetate	2.703	43	36781	45.155	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	88543	45.626	ug/l	99
20) Methylene Chloride	2.794	84	26563	41.748	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	24374	41.857	ug/l	98
22) Diisopropyl ether	3.764	45	89316	46.470	ug/l	94
23) Vinyl Acetate	3.721	43	430475	233.681	ug/l	98
24) 1,1-Dichloroethane	3.611	63	49235	44.837	ug/l	99
25) 2-Butanone	4.550	43	115340	226.148	ug/l	96
26) 2,2-Dichloropropane	4.477	77	41457	43.975	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	30097	44.759	ug/l	98
28) Bromochloromethane	4.898	49	21345	43.231	ug/l	98
29) Tetrahydrofuran	5.001	42	72933	220.010	ug/l	100
30) Chloroform	5.093	83	55096	46.098	ug/l	99
31) Cyclohexane	5.471	56	39818	42.437	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	48391	45.562	ug/l	97
36) 1,1-Dichloropropene	5.690	75	36148	43.147	ug/l	99
37) Ethyl Acetate	4.715	43	45233	43.969	ug/l	98
38) Carbon Tetrachloride	5.678	117	41190	44.412	ug/l	97
39) Methylcyclohexane	7.379	83	41137	41.095	ug/l	95
40) Benzene	6.038	78	103247	44.402	ug/l	100

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41) Methacrylonitrile	4.916	41	25656	48.561	ug/l	98
42) 1,2-Dichloroethane	6.086	62	46682	46.223	ug/l	96
43) Isopropyl Acetate	6.336	43	74095	46.638	ug/l	96
44) Trichloroethene	7.123	130	25102	43.224	ug/l	95
45) 1,2-Dichloropropane	7.428	63	26011	46.859	ug/l	99
46) Dibromomethane	7.580	93	21577	47.425	ug/l	96
47) Bromodichloromethane	7.818	83	43843	46.316	ug/l #	99
48) Methyl methacrylate	7.690	41	37614	48.348	ug/l	94
49) 1,4-Dioxane	7.653	88	13364	900.166	ug/l #	99
51) 4-Methyl-2-Pentanone	8.574	43	246539	233.947	ug/l	96
52) Toluene	8.720	92	65436	44.599	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	43325	44.575	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	43261	46.090	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	26517	46.312	ug/l	93
56) Ethyl methacrylate	9.116	69	46048	46.835	ug/l #	90
57) 1,3-Dichloropropane	9.305	76	45745	45.681	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	109856	230.479	ug/l	97
59) 2-Hexanone	9.427	43	193696	229.180	ug/l	96
60) Dibromochloromethane	9.519	129	32227	47.147	ug/l	100
61) 1,2-Dibromoethane	9.610	107	28630	46.346	ug/l	97
64) Tetrachloroethene	9.275	164	22031	42.541	ug/l	98
65) Chlorobenzene	10.080	112	74659	43.622	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	25265	44.473	ug/l	96
67) Ethyl Benzene	10.195	91	135779	44.485	ug/l	97
68) m/p-Xylenes	10.299	106	97906	88.161	ug/l	90
69) o-Xylene	10.640	106	47789	45.677	ug/l	91
70) Styrene	10.653	104	83124	45.850	ug/l	96
71) Bromoform	10.799	173	22291	44.585	ug/l #	99
73) Isopropylbenzene	10.964	105	128857	44.765	ug/l	99
74) N-amyl acetate	10.842	43	68624	47.067	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	45516	46.244	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	39669m	45.136	ug/l	
77) Bromobenzene	11.195	156	30517	45.193	ug/l	97
78) n-propylbenzene	11.305	91	157712	43.839	ug/l	97
79) 2-Chlorotoluene	11.360	91	94174	43.864	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	111578	45.384	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	14038	43.095	ug/l	93
82) 4-Chlorotoluene	11.451	91	114569	44.697	ug/l	99
83) tert-Butylbenzene	11.713	119	107571	44.105	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	113557	45.850	ug/l	100
85) sec-Butylbenzene	11.890	105	136694	44.129	ug/l	100
86) p-Isopropyltoluene	12.006	119	117073	45.061	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	59916	43.897	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	61715	42.613	ug/l	99
89) n-Butylbenzene	12.329	91	115536	45.013	ug/l	95
90) Hexachloroethane	12.536	117	20420	45.118	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	58467	43.709	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	11533	45.600	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	39752	42.867	ug/l	97
94) Hexachlorobutadiene	13.725	225	14883	41.896	ug/l	100
95) Naphthalene	13.774	128	137422	46.024	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	39314	44.439	ug/l	99

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

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