

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX043024\
 Data File : VX041311.D
 Acq On : 30 Apr 2024 19:44
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/01/2024
 Supervised By : Semsettin Yesilyurt 05/01/2024

Quant Time: May 01 02:51:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 01 02:38:17 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	230571	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	331746	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	294971	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	156232	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	126702	50.477	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.960%			
35) Dibromofluoromethane	5.385	113	106288	47.278	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.560%			
50) Toluene-d8	8.647	98	378078	53.134	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 106.260%			
62) 4-Bromofluorobenzene	11.079	95	126543	45.941	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 91.880%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	103002	54.366	ug/l	99
3) Chloromethane	1.294	50	97354	49.658	ug/l	100
4) Vinyl Chloride	1.374	62	98186	52.536	ug/l	98
5) Bromomethane	1.599	94	47543	40.579	ug/l	100
6) Chloroethane	1.666	64	38176	43.994	ug/l	99
7) Trichlorofluoromethane	1.861	101	147109	45.648	ug/l	99
8) Diethyl Ether	2.136	74	55269	48.657	ug/l	85
9) 1,1,2-Trichlorotrifluo...	2.313	101	84818	46.828	ug/l	# 85
10) Methyl Iodide	2.441	142	97694	50.114	ug/l	88
11) Tert butyl alcohol	3.032	59	127579	253.939	ug/l	# 93
12) 1,1-Dichloroethene	2.306	96	83172	46.550	ug/l	87
13) Acrolein	2.239	56	88591	222.275	ug/l	99
14) Allyl chloride	2.660	41	141618	47.177	ug/l	97
15) Acrylonitrile	3.075	53	283080	246.880	ug/l	99
16) Acetone	2.398	43	226664	204.346	ug/l	95
17) Carbon Disulfide	2.502	76	195591	46.568	ug/l	99
18) Methyl Acetate	2.709	43	113386	44.152	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	312798	48.024	ug/l	99
20) Methylene Chloride	2.788	84	94925	43.562	ug/l	92
21) trans-1,2-Dichloroethene	3.087	96	97484	48.821	ug/l	88
22) Diisopropyl ether	3.764	45	304347	47.839	ug/l	93
23) Vinyl Acetate	3.721	43	1419700	249.467	ug/l	97
24) 1,1-Dichloroethane	3.605	63	173001	48.134	ug/l	96
25) 2-Butanone	4.568	43	404300	248.862	ug/l	97
26) 2,2-Dichloropropane	4.471	77	130646	43.475	ug/l	95
27) cis-1,2-Dichloroethene	4.483	96	118186	49.990	ug/l	89
28) Bromochloromethane	4.904	49	55268	43.087	ug/l	# 77
29) Tetrahydrofuran	5.013	42	263178	247.702	ug/l	95
30) Chloroform	5.093	83	181045	48.417	ug/l	97
31) Cyclohexane	5.464	56	149546	49.364	ug/l	93
32) 1,1,1-Trichloroethane	5.379	97	164956	48.488	ug/l	97
36) 1,1-Dichloropropene	5.690	75	126503	47.058	ug/l	96
37) Ethyl Acetate	4.721	43	154966	46.200	ug/l	98
38) Carbon Tetrachloride	5.672	117	142978	46.427	ug/l	98
39) Methylcyclohexane	7.379	83	156481	49.548	ug/l	91
40) Benzene	6.038	78	388360	46.863	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	81244	47.061	ug/l	94
42) 1,2-Dichloroethane	6.086	62	140883	46.387	ug/l	96
43) Isopropyl Acetate	6.348	43	242226	48.030	ug/l	97
44) Trichloroethene	7.123	130	113356	51.801	ug/l	86
45) 1,2-Dichloropropane	7.428	63	94130	50.838	ug/l	98
46) Dibromomethane	7.580	93	72128	48.934	ug/l #	77
47) Bromodichloromethane	7.824	83	136069	51.804	ug/l	97
48) Methyl methacrylate	7.696	41	119616	51.740	ug/l	93
49) 1,4-Dioxane	7.671	88	54639	1093.141	ug/l #	89
51) 4-Methyl-2-Pentanone	8.580	43	795898	263.002	ug/l	98
52) Toluene	8.714	92	255833	50.466	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	127613	49.035	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	150529	52.129	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	100561	51.509	ug/l	97
56) Ethyl methacrylate	9.116	69	163765	54.201	ug/l	94
57) 1,3-Dichloropropane	9.305	76	165857	50.904	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	388016	264.853	ug/l	92
59) 2-Hexanone	9.433	43	628132	259.574	ug/l	96
60) Dibromochloromethane	9.519	129	119031	51.791	ug/l	99
61) 1,2-Dibromoethane	9.610	107	109244	50.863	ug/l	99
64) Tetrachloroethene	9.269	164	107473	50.315	ug/l	91
65) Chlorobenzene	10.079	112	296979	49.596	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	105917	50.060	ug/l	98
67) Ethyl Benzene	10.195	91	491053	49.705	ug/l	97
68) m/p-Xylenes	10.299	106	392491	99.208	ug/l	92
69) o-Xylene	10.640	106	192428	50.799	ug/l	92
70) Styrene	10.653	104	323426	52.032	ug/l	96
71) Bromoform	10.799	173	86793	45.837	ug/l #	99
73) Isopropylbenzene	10.963	105	432509	45.352	ug/l	96
74) N-amyl acetate	10.842	43	196260	47.104	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	148271	47.447	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	124058m	48.725	ug/l	
77) Bromobenzene	11.195	156	133287	49.519	ug/l	78
78) n-propylbenzene	11.305	91	491729	49.093	ug/l	95
79) 2-Chlorotoluene	11.366	91	304632	47.195	ug/l	91
80) 1,3,5-Trimethylbenzene	11.451	105	362618	46.643	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	42458	45.423	ug/l	94
82) 4-Chlorotoluene	11.451	91	344596	47.026	ug/l	91
83) tert-Butylbenzene	11.713	119	384702	46.210	ug/l	91
84) 1,2,4-Trimethylbenzene	11.750	105	373290	47.720	ug/l	93
85) sec-Butylbenzene	11.890	105	466739	48.921	ug/l	95
86) p-Isopropyltoluene	12.006	119	429059	50.074	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	246814	50.449	ug/l	95
88) 1,4-Dichlorobenzene	12.043	146	248705	49.341	ug/l	95
89) n-Butylbenzene	12.329	91	382152	55.465	ug/l	97
90) Hexachloroethane	12.536	117	72465	50.571	ug/l #	56
91) 1,2-Dichlorobenzene	12.335	146	264582	51.201	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	39459	54.644	ug/l #	56
93) 1,2,4-Trichlorobenzene	13.585	180	201010	55.649	ug/l	96
94) Hexachlorobutadiene	13.725	225	81721	45.305	ug/l	99
95) Naphthalene	13.774	128	629259	58.786	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	201925	54.698	ug/l	96

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

