

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062124\
 Data File : VX041992.D
 Acq On : 21 Jun 2024 20:19
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/24/2024
 Supervised By : Mahesh Dadoda 06/24/2024

Quant Time: Jun 22 05:53:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 23:51:58 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	173804	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	249406	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	232231	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	124413	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	91712	45.760	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.520%		
35) Dibromofluoromethane	5.391	113	84072	47.507	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.020%		
50) Toluene-d8	8.647	98	292451	47.041	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.080%		
62) 4-Bromofluorobenzene	11.079	95	110106	48.045	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.100%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	62039	46.854	ug/l	97
3) Chloromethane	1.307	50	72614	43.713	ug/l	100
4) Vinyl Chloride	1.374	62	76027	45.658	ug/l	99
5) Bromomethane	1.593	94	35679	43.392	ug/l	98
6) Chloroethane	1.666	64	40932	59.734	ug/l	96
7) Trichlorofluoromethane	1.867	101	117557	53.886	ug/l	99
8) Diethyl Ether	2.136	74	49772	48.602	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.312	101	74424	49.523	ug/l	88
10) Methyl Iodide	2.440	142	87975	47.099	ug/l	# 87
11) Tert butyl alcohol	3.001	59	94852	249.375	ug/l	# 93
12) 1,1-Dichloroethene	2.306	96	72607	48.435	ug/l	83
13) Acrolein	2.239	56	108510	254.500	ug/l	99
14) Allyl chloride	2.660	41	109430	46.029	ug/l	88
15) Acrylonitrile	3.074	53	268746	270.504	ug/l	98
16) Acetone	2.398	43	208806	237.269	ug/l	# 89
17) Carbon Disulfide	2.501	76	124291	40.663	ug/l	97
18) Methyl Acetate	2.709	43	138763	57.801	ug/l	97
19) Methyl tert-butyl Ether	3.123	73	253118	51.109	ug/l	99
20) Methylene Chloride	2.782	84	87996	45.665	ug/l	92
21) trans-1,2-Dichloroethene	3.087	96	71911	47.266	ug/l	84
22) Diisopropyl ether	3.769	45	259737	51.686	ug/l	# 83
23) Vinyl Acetate	3.727	43	1114128	259.602	ug/l	95
24) 1,1-Dichloroethane	3.605	63	143756	51.082	ug/l	98
25) 2-Butanone	4.574	43	369719	270.041	ug/l	93
26) 2,2-Dichloropropane	4.471	77	74394	36.505	ug/l	90
27) cis-1,2-Dichloroethene	4.489	96	94863	49.784	ug/l	85
28) Bromochloromethane	4.903	49	57991	48.111	ug/l	# 78
29) Tetrahydrofuran	5.019	42	241518	273.141	ug/l	96
30) Chloroform	5.092	83	149232	50.900	ug/l	97
31) Cyclohexane	5.464	56	107695	45.948	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	125949	51.411	ug/l	97
36) 1,1-Dichloropropene	5.690	75	91667	48.779	ug/l	96
37) Ethyl Acetate	4.727	43	135343	55.288	ug/l	98
38) Carbon Tetrachloride	5.672	117	106095	51.098	ug/l	98
39) Methylcyclohexane	7.379	83	113019	47.555	ug/l	93
40) Benzene	6.037	78	319041	50.338	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	73961	55.736	ug/l	93
42) 1,2-Dichloroethane	6.086	62	105662	51.757	ug/l	91
43) Isopropyl Acetate	6.348	43	196506	52.297	ug/l	95
44) Trichloroethene	7.123	130	84765	49.895	ug/l	88
45) 1,2-Dichloropropane	7.433	63	82319	52.822	ug/l	99
46) Dibromomethane	7.580	93	59117	52.063	ug/l #	78
47) Bromodichloromethane	7.824	83	110951	53.221	ug/l	96
48) Methyl methacrylate	7.696	41	98481	54.918	ug/l	86
49) 1,4-Dioxane	7.671	88	50339	1059.684	ug/l #	90
51) 4-Methyl-2-Pentanone	8.580	43	719548	277.998	ug/l	95
52) Toluene	8.720	92	207876	51.507	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	103999	47.280	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	116920	51.227	ug/l #	88
55) 1,1,2-Trichloroethane	9.153	97	90431	53.786	ug/l	97
56) Ethyl methacrylate	9.116	69	141444	54.077	ug/l #	88
57) 1,3-Dichloropropane	9.311	76	143595	52.864	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	345607	283.540	ug/l	93
59) 2-Hexanone	9.433	43	556652	280.793	ug/l	92
60) Dibromochloromethane	9.525	129	98881	54.143	ug/l	99
61) 1,2-Dibromoethane	9.610	107	92182	52.868	ug/l	99
64) Tetrachloroethene	9.275	164	84306	49.860	ug/l	92
65) Chlorobenzene	10.079	112	241353	49.971	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	88333	52.238	ug/l	99
67) Ethyl Benzene	10.195	91	391347	51.703	ug/l	97
68) m/p-Xylenes	10.299	106	311467	101.938	ug/l	91
69) o-Xylene	10.640	106	155539	51.417	ug/l	93
70) Styrene	10.658	104	270694	53.364	ug/l	93
71) Bromoform	10.799	173	78594	48.269	ug/l #	98
73) Isopropylbenzene	10.963	105	401800	53.114	ug/l	96
74) N-amyl acetate	10.847	43	176138	52.418	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	146017	51.912	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	114535m	50.711	ug/l	
77) Bromobenzene	11.201	156	114828	50.967	ug/l	79
78) n-propylbenzene	11.305	91	435088	53.008	ug/l	95
79) 2-Chlorotoluene	11.366	91	273423	51.703	ug/l	93
80) 1,3,5-Trimethylbenzene	11.451	105	335045	53.174	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	37245	46.831	ug/l	91
82) 4-Chlorotoluene	11.457	91	308090	52.701	ug/l	92
83) tert-Butylbenzene	11.713	119	364342	52.698	ug/l	90
84) 1,2,4-Trimethylbenzene	11.750	105	336187	53.182	ug/l	93
85) sec-Butylbenzene	11.890	105	420849	53.817	ug/l	95
86) p-Isopropyltoluene	12.012	119	367193	53.753	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	203184	51.308	ug/l	95
88) 1,4-Dichlorobenzene	12.042	146	203473	50.077	ug/l	95
89) n-Butylbenzene	12.335	91	278944	53.047	ug/l	98
90) Hexachloroethane	12.536	117	60473	51.997	ug/l	61
91) 1,2-Dichlorobenzene	12.335	146	213022	52.569	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	31060	55.721	ug/l #	51
93) 1,2,4-Trichlorobenzene	13.591	180	136919	51.579	ug/l	96
94) Hexachlorobutadiene	13.725	225	67560	50.331	ug/l	99
95) Naphthalene	13.774	128	445159	49.908	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	146551	52.346	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

