

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050724\
 Data File : VX041394.D
 Acq On : 07 May 2024 08:46
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/08/2024
 Supervised By : Mahesh Dadoda 05/08/2024

Quant Time: May 08 01:54:37 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	5.544	168	220500	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	264959	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	237088	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	137148	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	123579	51.482	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.960%			
35) Dibromofluoromethane	5.379	113	101570	56.568	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 113.140%			
50) Toluene-d8	8.647	98	299727	52.740	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.480%			
62) 4-Bromofluorobenzene	11.079	95	116128	52.787	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.580%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	90144	49.752	ug/l	98
3) Chloromethane	1.301	50	80631	43.006	ug/l	99
4) Vinyl Chloride	1.374	62	86909	48.626	ug/l	99
5) Bromomethane	1.599	94	51060	45.571	ug/l	97
6) Chloroethane	1.666	64	45403	54.713	ug/l	96
7) Trichlorofluoromethane	1.868	101	156437	50.759	ug/l	100
8) Diethyl Ether	2.136	74	52420	48.257	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.319	101	82413	47.578	ug/l	89
10) Methyl Iodide	2.441	142	71514	38.360	ug/l	91
11) Tert butyl alcohol	3.008	59	107785	224.339	ug/l	# 92
12) 1,1-Dichloroethene	2.307	96	76323	44.667	ug/l	90
13) Acrolein	2.239	56	79043	207.377	ug/l	97
14) Allyl chloride	2.654	41	130182	45.348	ug/l	95
15) Acrylonitrile	3.069	53	281834	257.020	ug/l	98
16) Acetone	2.392	43	262379	248.185	ug/l	97
17) Carbon Disulfide	2.502	76	162454	40.445	ug/l	100
18) Methyl Acetate	2.709	43	108715	44.267	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	312429	50.158	ug/l	99
20) Methylene Chloride	2.782	84	85781	41.163	ug/l	95
21) trans-1,2-Dichloroethene	3.081	96	92158	48.262	ug/l	91
22) Diisopropyl ether	3.764	45	314879	51.755	ug/l	87
23) Vinyl Acetate	3.721	43	1449102	266.264	ug/l	96
24) 1,1-Dichloroethane	3.605	63	173769	50.556	ug/l	97
25) 2-Butanone	4.562	43	429303	276.322	ug/l	96
26) 2,2-Dichloropropane	4.471	77	150274	52.291	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	116872	51.692	ug/l	91
28) Bromochloromethane	4.898	49	59830	48.774	ug/l	# 78
29) Tetrahydrofuran	5.007	42	259736	255.628	ug/l	95
30) Chloroform	5.087	83	183789	51.396	ug/l	96
31) Cyclohexane	5.458	56	145053	50.068	ug/l	95
32) 1,1,1-Trichloroethane	5.373	97	166486	51.173	ug/l	98
36) 1,1-Dichloropropene	5.684	75	123023	57.299	ug/l	96
37) Ethyl Acetate	4.715	43	160865	60.048	ug/l	100
38) Carbon Tetrachloride	5.672	117	145499	59.155	ug/l	98
39) Methylcyclohexane	7.373	83	130925	51.906	ug/l	94
40) Benzene	6.031	78	375084	56.670	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	86062	62.418	ug/l	97
42) 1,2-Dichloroethane	6.080	62	142418	58.712	ug/l	97
43) Isopropyl Acetate	6.342	43	225668	56.026	ug/l	98
44) Trichloroethene	7.123	130	101890	58.298	ug/l	86
45) 1,2-Dichloropropane	7.428	63	77445	52.370	ug/l	99
46) Dibromomethane	7.574	93	60859	51.696	ug/l #	79
47) Bromodichloromethane	7.818	83	118623	56.545	ug/l	97
48) Methyl methacrylate	7.690	41	100826	54.606	ug/l	94
49) 1,4-Dioxane	7.665	88	33815	847.052	ug/l #	92
51) 4-Methyl-2-Pentanone	8.574	43	683646	282.853	ug/l	99
52) Toluene	8.714	92	210195	51.914	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	117524	56.542	ug/l	100
54) cis-1,3-Dichloropropene	8.360	75	127575	55.316	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	85001	54.514	ug/l	98
56) Ethyl methacrylate	9.116	69	138006	57.189	ug/l	97
57) 1,3-Dichloropropane	9.305	76	137437	52.814	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	313120	267.604	ug/l	92
59) 2-Hexanone	9.433	43	546477	282.754	ug/l	97
60) Dibromochloromethane	9.519	129	102252	55.705	ug/l	100
61) 1,2-Dibromoethane	9.610	107	91128	53.123	ug/l	100
64) Tetrachloroethene	9.269	164	87614	51.032	ug/l	93
65) Chlorobenzene	10.080	112	245664	51.042	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	88893	52.271	ug/l	99
67) Ethyl Benzene	10.189	91	404553	50.947	ug/l	99
68) m/p-Xylenes	10.299	106	323864	101.847	ug/l	92
69) o-Xylene	10.640	106	160254	52.634	ug/l	93
70) Styrene	10.653	104	274251	54.893	ug/l	95
71) Bromoform	10.799	173	84428	55.474	ug/l #	99
73) Isopropylbenzene	10.957	105	417473	49.867	ug/l	97
74) N-amyl acetate	10.842	43	190919	52.199	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	140802	51.327	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	114626m	51.285	ug/l	
77) Bromobenzene	11.195	156	120835	51.140	ug/l	78
78) n-propylbenzene	11.305	91	468308	53.260	ug/l	96
79) 2-Chlorotoluene	11.360	91	284159	50.149	ug/l	93
80) 1,3,5-Trimethylbenzene	11.451	105	351380	51.487	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	42994	52.397	ug/l	95
82) 4-Chlorotoluene	11.451	91	329510	51.224	ug/l	91
83) tert-Butylbenzene	11.713	119	381503	52.202	ug/l	92
84) 1,2,4-Trimethylbenzene	11.750	105	353707	51.509	ug/l	93
85) sec-Butylbenzene	11.890	105	449116	53.624	ug/l	95
86) p-Isopropyltoluene	12.006	119	401394	53.364	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	220282	51.291	ug/l	95
88) 1,4-Dichlorobenzene	12.043	146	223107	50.422	ug/l	95
89) n-Butylbenzene	12.329	91	320982	53.069	ug/l	97
90) Hexachloroethane	12.536	117	67388	53.571	ug/l	62
91) 1,2-Dichlorobenzene	12.335	146	221888	48.914	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	12.939	75	32405	51.120	ug/l	58
93) 1,2,4-Trichlorobenzene	13.585	180	163958	51.707	ug/l	95
94) Hexachlorobutadiene	13.725	225	81090	51.211	ug/l	98
95) Naphthalene	13.774	128	478327	50.904	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	167566	51.707	ug/l	95

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

