

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112224\
 Data File : VX043975.D
 Acq On : 22 Nov 2024 21:05
 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 11/25/2024
 Supervised By :Mahesh Dadoda 11/25/2024

Quant Time: Nov 22 22:32:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	122980	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	223634	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	188299	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	86425	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	109385	51.858	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.720%			
35) Dibromofluoromethane	5.379	113	80080	50.113	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.220%			
50) Toluene-d8	8.647	98	272032	49.385	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.780%			
62) 4-Bromofluorobenzene	11.079	95	93160	49.694	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 99.380%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	68061	43.686	ug/l	100
3) Chloromethane	1.295	50	74224	45.274	ug/l	97
4) Vinyl Chloride	1.374	62	77794	44.612	ug/l	96
5) Bromomethane	1.593	94	57584	53.679	ug/l	100
6) Chloroethane	1.666	64	50694	47.709	ug/l	100
7) Trichlorofluoromethane	1.868	101	166881	53.528	ug/l	99
8) Diethyl Ether	2.136	74	52774	46.443	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.319	101	66870	44.966	ug/l	98
10) Methyl Iodide	2.447	142	87758	47.250	ug/l	97
11) Tert butyl alcohol	3.002	59	72806	215.043	ug/l	98
12) 1,1-Dichloroethene	2.307	96	64902	45.800	ug/l	96
13) Acrolein	2.233	56	77602	217.457	ug/l	97
14) Allyl chloride	2.654	41	113282	48.923	ug/l	98
15) Acrylonitrile	3.069	53	194254	235.443	ug/l	98
16) Acetone	2.386	43	179850	185.644	ug/l	100
17) Carbon Disulfide	2.502	76	127176	43.508	ug/l	98
18) Methyl Acetate	2.703	43	104004	46.099	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	257085	49.964	ug/l	98
20) Methylene Chloride	2.782	84	76764	46.692	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	70023	47.861	ug/l	98
22) Diisopropyl ether	3.758	45	248613	50.212	ug/l	92
23) Vinyl Acetate	3.721	43	1083211	255.744	ug/l	99
24) 1,1-Dichloroethane	3.605	63	142098	49.748	ug/l	100
25) 2-Butanone	4.562	43	278537	222.822	ug/l	100
26) 2,2-Dichloropropane	4.471	77	117521	45.557	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	89489	49.483	ug/l	99
28) Bromochloromethane	4.891	49	63042	50.141	ug/l	98
29) Tetrahydrofuran	5.007	42	175631	229.176	ug/l	99
30) Chloroform	5.087	83	153240	49.881	ug/l	98
31) Cyclohexane	5.458	56	108654	46.218	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	135463	51.132	ug/l	99
36) 1,1-Dichloropropene	5.684	75	96384	48.403	ug/l	99
37) Ethyl Acetate	4.715	43	111838	45.245	ug/l	99
38) Carbon Tetrachloride	5.672	117	109113	48.766	ug/l	99
39) Methylcyclohexane	7.373	83	114556	44.283	ug/l	97
40) Benzene	6.032	78	296066	47.732	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	58876	46.538	ug/l	95
42) 1,2-Dichloroethane	6.080	62	120886	48.527	ug/l	100
43) Isopropyl Acetate	6.342	43	188827	48.002	ug/l	100
44) Trichloroethene	7.123	130	70858	40.354	ug/l	93
45) 1,2-Dichloropropane	7.422	63	73488	48.373	ug/l	100
46) Dibromomethane	7.580	93	57212	47.608	ug/l	100
47) Bromodichloromethane	7.818	83	106111	49.233	ug/l	99
48) Methyl methacrylate	7.690	41	86803	45.987	ug/l	99
49) 1,4-Dioxane	7.665	88	23838	708.970	ug/l #	77
51) 4-Methyl-2-Pentanone	8.574	43	569005	237.028	ug/l	99
52) Toluene	8.714	92	179366	48.314	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	107403	48.867	ug/l	97
54) cis-1,3-Dichloropropene	8.360	75	117473	48.756	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	72401	47.244	ug/l	95
56) Ethyl methacrylate	9.116	69	118682	49.720	ug/l	99
57) 1,3-Dichloropropane	9.305	76	123967	48.020	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	279741	213.469	ug/l	99
59) 2-Hexanone	9.433	43	420948	233.298	ug/l	100
60) Dibromochloromethane	9.519	129	73109	47.547	ug/l	96
61) 1,2-Dibromoethane	9.610	107	76113	49.118	ug/l	98
64) Tetrachloroethene	9.269	164	57495	46.307	ug/l	93
65) Chlorobenzene	10.080	112	197185	47.680	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	66254	49.398	ug/l	99
67) Ethyl Benzene	10.189	91	341272	48.699	ug/l	98
68) m/p-Xylenes	10.299	106	259471	99.287	ug/l	99
69) o-Xylene	10.640	106	127383	49.924	ug/l	96
70) Styrene	10.653	104	215795	51.134	ug/l	98
71) Bromoform	10.799	173	45026	44.579	ug/l #	99
73) Isopropylbenzene	10.957	105	327150	49.244	ug/l	100
74) N-amyl acetate	10.842	43	158903	51.633	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.214	83	112173	49.312	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	94567m	49.896	ug/l	
77) Bromobenzene	11.195	156	76053	47.990	ug/l	97
78) n-propylbenzene	11.305	91	379686	51.172	ug/l	99
79) 2-Chlorotoluene	11.360	91	231439	49.328	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	277669	50.803	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	30621	44.087	ug/l	95
82) 4-Chlorotoluene	11.451	91	265745	50.170	ug/l	100
83) tert-Butylbenzene	11.713	119	275078	50.777	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	274500	50.446	ug/l	99
85) sec-Butylbenzene	11.890	105	325633	49.060	ug/l	99
86) p-Isopropyltoluene	12.006	119	271259	50.312	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	135787	47.044	ug/l	99
88) 1,4-Dichlorobenzene	12.037	146	137836	46.839	ug/l	97
89) n-Butylbenzene	12.329	91	240255	50.543	ug/l	99
90) Hexachloroethane	12.536	117	44170	48.179	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	139290	47.819	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	21512	47.196	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	80863	47.087	ug/l	100
94) Hexachlorobutadiene	13.725	225	29838	43.962	ug/l	99
95) Naphthalene	13.774	128	311837	50.444	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	87371	50.266	ug/l	97

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

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