

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012924\
 Data File : VX039995.D
 Acq On : 29 Jan 2024 12:49
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jan 30 02:43:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 03:51:26 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 01/30/2024
 Supervised By : Mahesh Dadoda 01/30/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	77953	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	135077	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	131940	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	71925	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	65454	50.125	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.240%			
35) Dibromofluoromethane	5.385	113	50236	55.216	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.440%			
50) Toluene-d8	8.647	98	180998	52.748	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.500%			
62) 4-Bromofluorobenzene	11.079	95	75890	56.557	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 113.120%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	51604	51.165	ug/l	100
3) Chloromethane	1.294	50	46633	40.486	ug/l	100
4) Vinyl Chloride	1.374	62	45780	42.115	ug/l	99
5) Bromomethane	1.593	94	34538	55.685	ug/l	100
6) Chloroethane	1.685	64	29601	47.902	ug/l	98
7) Trichlorofluoromethane	1.886	101	69654	44.419	ug/l	98
8) Diethyl Ether	2.130	74	27041	46.663	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.325	101	53641	55.177	ug/l	97
10) Methyl Iodide	2.447	142	62049	60.501	ug/l	96
11) Tert butyl alcohol	2.959	59	92717	272.762	ug/l #	93
12) 1,1-Dichloroethene	2.319	96	50029	53.323	ug/l	96
13) Acrolein	2.233	56	62983	304.581	ug/l	100
14) Allyl chloride	2.660	41	95484	51.708	ug/l	97
15) Acrylonitrile	3.062	53	192437	274.068	ug/l	99
16) Acetone	2.373	43	186688	254.209	ug/l	95
17) Carbon Disulfide	2.508	76	143611	53.255	ug/l	99
18) Methyl Acetate	2.703	43	99755	64.927	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	192906	57.915	ug/l	97
20) Methylene Chloride	2.788	84	61113	55.015	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	56544	57.269	ug/l	95
22) Diisopropyl ether	3.757	45	197086	55.927	ug/l	96
23) Vinyl Acetate	3.721	43	920712	281.072	ug/l	98
24) 1,1-Dichloroethane	3.605	63	107906	55.660	ug/l	99
25) 2-Butanone	4.550	43	278453	263.845	ug/l	99
26) 2,2-Dichloropropane	4.471	77	83296	53.534	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	65340	57.699	ug/l	96
28) Bromochloromethane	4.897	49	43655	49.677	ug/l	99
29) Tetrahydrofuran	5.001	42	177132	260.764	ug/l	97
30) Chloroform	5.086	83	112422	58.742	ug/l	99
31) Cyclohexane	5.464	56	88181	51.168	ug/l	100
32) 1,1,1-Trichloroethane	5.379	97	97601	59.569	ug/l	99
36) 1,1-Dichloropropene	5.690	75	79163	55.900	ug/l	98
37) Ethyl Acetate	4.708	43	100346	53.114	ug/l	98
38) Carbon Tetrachloride	5.672	117	79551	61.333	ug/l	98
39) Methylcyclohexane	7.379	83	95038	55.887	ug/l	93
40) Benzene	6.037	78	230127	57.388	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	53861	58.300	ug/l	94
42) 1,2-Dichloroethane	6.080	62	90732	59.514	ug/l	98
43) Isopropyl Acetate	6.336	43	157444	56.810	ug/l	99
44) Trichloroethene	7.123	130	58714	59.744	ug/l	100
45) 1,2-Dichloropropane	7.427	63	61893	57.536	ug/l	98
46) Dibromomethane	7.574	93	46341	62.370	ug/l	97
47) Bromodichloromethane	7.818	83	87995	63.946	ug/l	97
48) Methyl methacrylate	7.690	41	77097	56.595	ug/l	93
49) 1,4-Dioxane	7.653	88	25191	955.683	ug/l #	94
51) 4-Methyl-2-Pentanone	8.567	43	551107	288.731	ug/l	99
52) Toluene	8.714	92	148129	61.845	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	91841	62.897	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	98221	61.175	ug/l	93
55) 1,1,2-Trichloroethane	9.147	97	63253	62.028	ug/l	92
56) Ethyl methacrylate	9.116	69	102128	61.879	ug/l	96
57) 1,3-Dichloropropane	9.305	76	105248	60.903	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	212776	272.747	ug/l	96
59) 2-Hexanone	9.427	43	444176	294.031	ug/l	99
60) Dibromochloromethane	9.518	129	68642	71.377	ug/l	100
61) 1,2-Dibromoethane	9.604	107	68626	64.986	ug/l	100
64) Tetrachloroethene	9.269	164	47714	55.610	ug/l	97
65) Chlorobenzene	10.079	112	160189	58.293	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	57811	61.783	ug/l	99
67) Ethyl Benzene	10.189	91	298299	58.469	ug/l	100
68) m/p-Xylenes	10.299	106	223214	118.965	ug/l	98
69) o-Xylene	10.640	106	107444	57.823	ug/l	95
70) Styrene	10.652	104	186808	61.545	ug/l	100
71) Bromoform	10.799	173	47949	68.244	ug/l #	99
73) Isopropylbenzene	10.957	105	300528	52.481	ug/l	99
74) N-amyl acetate	10.841	43	151515	50.760	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.207	83	113452	51.883	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	95172m	51.038	ug/l	
77) Bromobenzene	11.195	156	68891	54.032	ug/l	98
78) n-propylbenzene	11.305	91	365612	52.751	ug/l	99
79) 2-Chlorotoluene	11.360	91	217573	50.791	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	261259	53.718	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	31411	50.267	ug/l	91
82) 4-Chlorotoluene	11.451	91	256028	52.693	ug/l	100
83) tert-Butylbenzene	11.713	119	248451	53.508	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	261724	53.939	ug/l	99
85) sec-Butylbenzene	11.890	105	329303	54.634	ug/l	99
86) p-Isopropyltoluene	12.006	119	268008	55.634	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	137289	56.173	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	141233	55.950	ug/l	99
89) n-Butylbenzene	12.329	91	260469	55.981	ug/l	97
90) Hexachloroethane	12.536	117	44290	54.498	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	133054	55.066	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	27013	50.414	ug/l	93
93) 1,2,4-Trichlorobenzene	13.585	180	83338	56.439	ug/l	94
94) Hexachlorobutadiene	13.725	225	29799	48.547	ug/l	99
95) Naphthalene	13.774	128	298677	54.945	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	79623	53.429	ug/l	99

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

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