

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040924\
 Data File : VX040953.D
 Acq On : 09 Apr 2024 16:29
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 10 00:37:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040124W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 02 05:40:55 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 04/10/2024
 Supervised By : Mahesh Dadoda 04/10/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	54164	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.751	114	91768	50.000	ug/l	-0.01
63) Chlorobenzene-d5	10.049	117	86921	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	44821	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	50389	51.848	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.700%			
35) Dibromofluoromethane	5.373	113	34664	53.330	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.660%			
50) Toluene-d8	8.647	98	120581	51.339	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.680%			
62) 4-Bromofluorobenzene	11.079	95	50433	53.769	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.540%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	33158	45.164	ug/l	97
3) Chloromethane	1.301	50	31425	49.548	ug/l	99
4) Vinyl Chloride	1.374	62	35644	54.444	ug/l	99
5) Bromomethane	1.599	94	21600	53.629	ug/l	97
6) Chloroethane	1.685	64	22652	53.675	ug/l	96
7) Trichlorofluoromethane	1.886	101	62653	49.993	ug/l	97
8) Diethyl Ether	2.130	74	20587	50.834	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.325	101	31124	48.174	ug/l	98
10) Methyl Iodide	2.447	142	35880	45.781	ug/l	99
11) Tert butyl alcohol	2.953	59	43830	247.025	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	28587	47.176	ug/l	99
13) Acrolein	2.233	56	24439	252.328	ug/l	99
14) Allyl chloride	2.660	41	54275	50.000	ug/l	90
15) Acrylonitrile	3.056	53	90883	242.812	ug/l	97
16) Acetone	2.374	43	85312	226.075	ug/l	99
17) Carbon Disulfide	2.508	76	72995	41.641	ug/l	98
18) Methyl Acetate	2.697	43	42235	47.176	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	106392	49.880	ug/l	99
20) Methylene Chloride	2.782	84	32124	45.936	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	29477	46.056	ug/l	97
22) Diisopropyl ether	3.751	45	107951	51.101	ug/l	94
23) Vinyl Acetate	3.715	43	524516	259.056	ug/l	98
24) 1,1-Dichloroethane	3.605	63	59001	48.886	ug/l	99
25) 2-Butanone	4.544	43	134815	240.497	ug/l	99
26) 2,2-Dichloropropane	4.471	77	52224	50.400	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	35978	48.680	ug/l	97
28) Bromochloromethane	4.891	49	26162	48.210	ug/l	99
29) Tetrahydrofuran	4.995	42	87928	241.326	ug/l	99
30) Chloroform	5.087	83	66395	50.542	ug/l	97
31) Cyclohexane	5.465	56	48749	47.270	ug/l	94
32) 1,1,1-Trichloroethane	5.373	97	59189	50.704	ug/l	97
36) 1,1-Dichloropropene	5.690	75	43539	47.142	ug/l	98
37) Ethyl Acetate	4.702	43	55639	49.060	ug/l	97
38) Carbon Tetrachloride	5.672	117	50783	49.669	ug/l	100
39) Methylcyclohexane	7.373	83	48491	43.942	ug/l	98
40) Benzene	6.032	78	124264	48.477	ug/l	100

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41) Methacrylonitrile	4.904	41	30857	52.980	ug/l	97
42) 1,2-Dichloroethane	6.074	62	56074	50.366	ug/l	96
43) Isopropyl Acetate	6.330	43	87627	50.032	ug/l	97
44) Trichloroethene	7.123	130	31027	48.464	ug/l	99
45) 1,2-Dichloropropane	7.428	63	31491	51.462	ug/l	97
46) Dibromomethane	7.574	93	25253	50.349	ug/l	99
47) Bromodichloromethane	7.818	83	52438	50.250	ug/l	99
48) Methyl methacrylate	7.684	41	44707	52.127	ug/l	95
49) 1,4-Dioxane	7.653	88	14361	877.470	ug/l #	96
51) 4-Methyl-2-Pentanone	8.568	43	293740	252.846	ug/l	96
52) Toluene	8.714	92	79556	49.186	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	52906	49.202	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	53438	51.644	ug/l	96
55) 1,1,2-Trichloroethane	9.147	97	31781	50.349	ug/l	93
56) Ethyl methacrylate	9.110	69	56214	51.864	ug/l #	90
57) 1,3-Dichloropropane	9.305	76	55569	50.337	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	132688	252.523	ug/l	97
59) 2-Hexanone	9.427	43	227710	244.399	ug/l	95
60) Dibromochloromethane	9.519	129	39179	51.994	ug/l	99
61) 1,2-Dibromoethane	9.604	107	34459	50.600	ug/l	100
64) Tetrachloroethene	9.269	164	26579	46.208	ug/l	94
65) Chlorobenzene	10.073	112	90907	47.821	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	32146	50.946	ug/l	99
67) Ethyl Benzene	10.189	91	165068	48.691	ug/l	96
68) m/p-Xylenes	10.299	106	120350	97.570	ug/l	90
69) o-Xylene	10.640	106	57526	49.504	ug/l	88
70) Styrene	10.653	104	101366	50.339	ug/l	95
71) Bromoform	10.799	173	27240	48.812	ug/l #	98
73) Isopropylbenzene	10.957	105	159164	50.845	ug/l	99
74) N-amyl acetate	10.842	43	82146	51.808	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.207	83	52600	49.141	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	48251m	50.484	ug/l	
77) Bromobenzene	11.195	156	37175	50.624	ug/l	98
78) n-propylbenzene	11.299	91	195502	49.971	ug/l	97
79) 2-Chlorotoluene	11.360	91	117130	50.167	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	137737	51.517	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	17587	49.646	ug/l	94
82) 4-Chlorotoluene	11.451	91	141110	50.622	ug/l	98
83) tert-Butylbenzene	11.713	119	133417	50.301	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	136082	50.525	ug/l	99
85) sec-Butylbenzene	11.890	105	164478	48.826	ug/l	99
86) p-Isopropyltoluene	12.006	119	138678	49.082	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	71156	47.938	ug/l	99
88) 1,4-Dichlorobenzene	12.037	146	72951	46.318	ug/l	99
89) n-Butylbenzene	12.329	91	131652	47.165	ug/l	97
90) Hexachloroethane	12.536	117	24907	50.604	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	68230	46.904	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	13413	48.767	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	45025	44.647	ug/l	98
94) Hexachlorobutadiene	13.725	225	14872	38.497	ug/l	98
95) Naphthalene	13.774	128	154699	47.642	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	44023	45.758	ug/l	98

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

