

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080724\
 Data File : VX042880.D
 Acq On : 06 Aug 2024 19:28
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By :John Carlone 08/07/2024
 Supervised By :Mahesh Dadoda 08/08/2024

Quant Time: Aug 07 02:38:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X080724W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 07 02:27:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	254784	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	424451	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	376326	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	178191	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	169926	48.582	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.160%		
35) Dibromofluoromethane	5.385	113	137025	49.374	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.740%		
50) Toluene-d8	8.647	98	482026	48.925	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.860%		
62) 4-Bromofluorobenzene	11.079	95	168890	47.704	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.400%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	140634	51.209	ug/l	98
3) Chloromethane	1.301	50	140465	46.943	ug/l	97
4) Vinyl Chloride	1.374	62	140494	49.486	ug/l	99
5) Bromomethane	1.593	94	80620	46.921	ug/l	100
6) Chloroethane	1.660	64	81728	50.531	ug/l	95
7) Trichlorofluoromethane	1.868	101	225921	51.168	ug/l	98
8) Diethyl Ether	2.136	74	78696	48.458	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.313	101	135781	48.913	ug/l	96
10) Methyl Iodide	2.441	142	146530	51.049	ug/l	96
11) Tert butyl alcohol	2.995	59	187226	269.115	ug/l #	93
12) 1,1-Dichloroethene	2.307	96	136392	48.568	ug/l	87
13) Acrolein	2.240	56	170757	249.005	ug/l	100
14) Allyl chloride	2.660	41	206197	48.593	ug/l	93
15) Acrylonitrile	3.069	53	435045	245.001	ug/l	98
16) Acetone	2.392	43	358706	236.445	ug/l	94
17) Carbon Disulfide	2.502	76	330466	48.357	ug/l	100
18) Methyl Acetate	2.709	43	224558	46.677	ug/l	99
19) Methyl tert-butyl Ether	3.123	73	467350	49.444	ug/l	100
20) Methylene Chloride	2.788	84	151800	48.325	ug/l	92
21) trans-1,2-Dichloroethene	3.087	96	140692	49.796	ug/l	93
22) Diisopropyl ether	3.770	45	463923	49.767	ug/l	88
23) Vinyl Acetate	3.727	43	2714509	256.573	ug/l	97
24) 1,1-Dichloroethane	3.605	63	265569	49.535	ug/l	98
25) 2-Butanone	4.568	43	596832	250.510	ug/l	96
26) 2,2-Dichloropropane	4.477	77	162468	49.294	ug/l	94
27) cis-1,2-Dichloroethene	4.489	96	168872	50.400	ug/l	90
28) Bromochloromethane	4.904	49	87749	42.655	ug/l	87
29) Tetrahydrofuran	5.013	42	394746	245.196	ug/l	95
30) Chloroform	5.093	83	278019	49.536	ug/l	100
31) Cyclohexane	5.471	56	218533	49.934	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	247442	50.081	ug/l	98
36) 1,1-Dichloropropene	5.684	75	181962	48.359	ug/l	97
37) Ethyl Acetate	4.721	43	232409	49.366	ug/l	98
38) Carbon Tetrachloride	5.678	117	208889	49.179	ug/l	98
39) Methylcyclohexane	7.379	83	233010	52.093	ug/l	97
40) Benzene	6.038	78	587380	50.299	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	125039	51.567	ug/l	93
42) 1,2-Dichloroethane	6.086	62	211079	49.693	ug/l	98
43) Isopropyl Acetate	6.349	43	353348	50.750	ug/l	98
44) Trichloroethene	7.123	130	143642	48.953	ug/l	98
45) 1,2-Dichloropropane	7.428	63	147196	49.689	ug/l	100
46) Dibromomethane	7.580	93	108500	49.869	ug/l	94
47) Bromodichloromethane	7.824	83	206609	51.119	ug/l	99
48) Methyl methacrylate	7.696	41	174505	52.270	ug/l	91
49) 1,4-Dioxane	7.665	88	75953	988.943	ug/l #	89
51) 4-Methyl-2-Pentanone	8.580	43	1174877	251.920	ug/l	98
52) Toluene	8.720	92	360392	50.877	ug/l	95
53) t-1,3-Dichloropropene	8.982	75	193799	51.871	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	213498	51.742	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	142554	49.504	ug/l	93
56) Ethyl methacrylate	9.116	69	236953	51.135	ug/l	94
57) 1,3-Dichloropropane	9.311	76	235251	49.869	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	574465	263.032	ug/l	99
59) 2-Hexanone	9.433	43	908960	251.528	ug/l	97
60) Dibromochloromethane	9.519	129	158037	49.958	ug/l	99
61) 1,2-Dibromoethane	9.610	107	152395	50.089	ug/l	100
64) Tetrachloroethene	9.275	164	131072	50.092	ug/l	96
65) Chlorobenzene	10.080	112	391018	48.964	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	137657	49.991	ug/l	100
67) Ethyl Benzene	10.195	91	679787	50.606	ug/l	100
68) m/p-Xylenes	10.299	106	524202	102.222	ug/l	98
69) o-Xylene	10.640	106	258694	50.359	ug/l	98
70) Styrene	10.653	104	434136	52.555	ug/l	97
71) Bromoform	10.799	173	113423	48.675	ug/l #	99
73) Isopropylbenzene	10.964	105	654538	50.806	ug/l	99
74) N-amyl acetate	10.842	43	301881	52.077	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.214	83	227046	48.108	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	187659m	48.010	ug/l	
77) Bromobenzene	11.195	156	163448	49.875	ug/l	90
78) n-propylbenzene	11.305	91	750582	52.450	ug/l	100
79) 2-Chlorotoluene	11.366	91	458041	49.939	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	551055	51.658	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	64112	52.018	ug/l	93
82) 4-Chlorotoluene	11.451	91	520906	50.527	ug/l	98
83) tert-Butylbenzene	11.713	119	552320	50.382	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	562656	52.393	ug/l	99
85) sec-Butylbenzene	11.890	105	673663	52.187	ug/l	100
86) p-Isopropyltoluene	12.006	119	571852	53.321	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	293521	49.490	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	291382	47.930	ug/l	98
89) n-Butylbenzene	12.329	91	485925	52.520	ug/l	97
90) Hexachloroethane	12.536	117	97498	49.698	ug/l	84
91) 1,2-Dichlorobenzene	12.335	146	295210	49.707	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	52278	50.412	ug/l	84
93) 1,2,4-Trichlorobenzene	13.585	180	181296	50.045	ug/l	93
94) Hexachlorobutadiene	13.725	225	77353	50.346	ug/l	98
95) Naphthalene	13.774	128	652942	52.086	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	186267	51.079	ug/l	98

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

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