

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022824\
 Data File : VX040501.D
 Acq On : 28 Feb 2024 10:59
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 29 03:45:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022624W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 27 05:01:33 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/29/2024
 Supervised By : Mahesh Dadoda 02/29/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	93477	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	151918	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	143132	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	74145	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	74820	47.855	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.720%		
35) Dibromofluoromethane	5.379	113	52025	49.246	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.500%		
50) Toluene-d8	8.647	98	187713	48.951	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.900%		
62) 4-Bromofluorobenzene	11.079	95	76297	52.195	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	104.400%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	55945	48.091	ug/l	97
3) Chloromethane	1.294	50	52797	45.757	ug/l	100
4) Vinyl Chloride	1.374	62	58254	46.687	ug/l	100
5) Bromomethane	1.599	94	35631	51.386	ug/l	99
6) Chloroethane	1.678	64	36073	45.683	ug/l	99
7) Trichlorofluoromethane	1.880	101	98851	50.161	ug/l	100
8) Diethyl Ether	2.136	74	33472	48.592	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.325	101	52526	49.516	ug/l	99
10) Methyl Iodide	2.447	142	54407	49.438	ug/l	98
11) Tert butyl alcohol	2.965	59	68855	261.980	ug/l #	91
12) 1,1-Dichloroethene	2.313	96	48664	45.694	ug/l	95
13) Acrolein	2.233	56	63387	376.176	ug/l	100
14) Allyl chloride	2.660	41	87298	46.853	ug/l	91
15) Acrylonitrile	3.062	53	157381	238.719	ug/l	98
16) Acetone	2.380	43	150335	294.850	ug/l	99
17) Carbon Disulfide	2.508	76	125204	42.453	ug/l	98
18) Methyl Acetate	2.703	43	77812	49.502	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	175364	48.274	ug/l	100
20) Methylene Chloride	2.788	84	55596	45.565	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	52119	45.888	ug/l	96
22) Diisopropyl ether	3.757	45	174545	46.617	ug/l	98
23) Vinyl Acetate	3.721	43	832775	242.803	ug/l	99
24) 1,1-Dichloroethane	3.611	63	100005	45.802	ug/l	100
25) 2-Butanone	4.550	43	232049	261.215	ug/l	98
26) 2,2-Dichloropropane	4.471	77	86830	49.947	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	61327	46.154	ug/l	99
28) Bromochloromethane	4.897	49	42293	46.306	ug/l	99
29) Tetrahydrofuran	5.001	42	150152	242.288	ug/l	98
30) Chloroform	5.092	83	110392	47.632	ug/l	97
31) Cyclohexane	5.464	56	82365	46.500	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	98168	49.628	ug/l	99
36) 1,1-Dichloropropene	5.690	75	80532	49.478	ug/l	99
37) Ethyl Acetate	4.715	43	89102	50.021	ug/l	99
38) Carbon Tetrachloride	5.678	117	83048	52.817	ug/l	98
39) Methylcyclohexane	7.379	83	90083	51.263	ug/l	99
40) Benzene	6.037	78	215136	48.821	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	49562	49.811	ug/l	95
42) 1,2-Dichloroethane	6.086	62	95762	52.505	ug/l	97
43) Isopropyl Acetate	6.336	43	141748	50.714	ug/l	98
44) Trichloroethene	7.123	130	57751	48.730	ug/l	98
45) 1,2-Dichloropropane	7.427	63	57482	48.740	ug/l	99
46) Dibromomethane	7.580	93	43668	50.363	ug/l	98
47) Bromodichloromethane	7.818	83	88340	51.746	ug/l	99
48) Methyl methacrylate	7.690	41	73667	52.732	ug/l	94
49) 1,4-Dioxane	7.653	88	27541	1042.145	ug/l #	94
51) 4-Methyl-2-Pentanone	8.574	43	487073	263.571	ug/l	97
52) Toluene	8.714	92	136245	50.378	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	92461	53.367	ug/l	95
54) cis-1,3-Dichloropropene	8.366	75	95592	51.330	ug/l	100
55) 1,1,2-Trichloroethane	9.153	97	58687	52.290	ug/l	93
56) Ethyl methacrylate	9.116	69	92355	53.222	ug/l	94
57) 1,3-Dichloropropane	9.305	76	99458	50.878	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	239326	263.039	ug/l	96
59) 2-Hexanone	9.427	43	387500	272.734	ug/l	98
60) Dibromochloromethane	9.519	129	64039	52.533	ug/l	99
61) 1,2-Dibromoethane	9.610	107	63335	51.715	ug/l	99
64) Tetrachloroethene	9.275	164	50213	49.970	ug/l	98
65) Chlorobenzene	10.079	112	150299	49.368	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	55901	52.102	ug/l	100
67) Ethyl Benzene	10.195	91	283769	50.919	ug/l	100
68) m/p-Xylenes	10.299	106	209815	100.821	ug/l	96
69) o-Xylene	10.640	106	99770	50.126	ug/l	92
70) Styrene	10.652	104	170489	51.382	ug/l	96
71) Bromoform	10.799	173	46903	53.404	ug/l #	99
73) Isopropylbenzene	10.963	105	276959	50.721	ug/l	100
74) N-amyl acetate	10.841	43	131431	51.825	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	97808	49.529	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	81380m	49.871	ug/l	
77) Bromobenzene	11.195	156	64986	50.333	ug/l	98
78) n-propylbenzene	11.305	91	343626	50.734	ug/l	98
79) 2-Chlorotoluene	11.366	91	200073	49.070	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	240764	51.845	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	26341	48.816	ug/l	97
82) 4-Chlorotoluene	11.451	91	236487	50.157	ug/l	100
83) tert-Butylbenzene	11.713	119	227727	52.014	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	240249	52.142	ug/l	98
85) sec-Butylbenzene	11.890	105	299885	52.138	ug/l	99
86) p-Isopropyltoluene	12.006	119	247932	52.295	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	127279	49.456	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	128780	49.155	ug/l	99
89) n-Butylbenzene	12.335	91	244265	52.368	ug/l	96
90) Hexachloroethane	12.536	117	43496	55.124	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	122846	50.090	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	26300	57.127	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	83861	52.395	ug/l	97
94) Hexachlorobutadiene	13.725	225	34620	52.925	ug/l	98
95) Naphthalene	13.774	128	269813	52.752	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	81708	53.704	ug/l	98

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

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