

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080724\
 Data File : VX042931.D
 Acq On : 07 Aug 2024 23:32
 Operator : JC/MD
 Sample : VX0807WBS03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807WBS03

Quant Time: Aug 08 04:03:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X080724W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 07 02:55:22 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 08/08/2024
 Supervised By : Mahesh Dadoda 08/09/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	225486	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	373601	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	321248	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	154605	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	167494	54.109	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 108.220%			
35) Dibromofluoromethane	5.385	113	133718	54.740	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.480%			
50) Toluene-d8	8.647	98	456607	52.653	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.300%			
62) 4-Bromofluorobenzene	11.079	95	161338	51.773	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.540%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	51189	21.061	ug/l	97
3) Chloromethane	1.294	50	49804	18.807	ug/l	97
4) Vinyl Chloride	1.374	62	51148	20.357	ug/l	99
5) Bromomethane	1.599	94	30525	20.074	ug/l	98
6) Chloroethane	1.666	64	24881	17.382	ug/l #	84
7) Trichlorofluoromethane	1.867	101	79425	20.326	ug/l	97
8) Diethyl Ether	2.136	74	29626	20.613	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.319	101	49259	20.050	ug/l	95
10) Methyl Iodide	2.447	142	54492	21.451	ug/l	96
11) Tert butyl alcohol	2.995	59	66042	107.262	ug/l #	92
12) 1,1-Dichloroethene	2.313	96	49509	19.920	ug/l	88
13) Acrolein	2.239	56	65284	107.570	ug/l	96
14) Allyl chloride	2.660	41	78706	20.958	ug/l	94
15) Acrylonitrile	3.075	53	152387	96.969	ug/l	99
16) Acetone	2.392	43	124989	93.093	ug/l	93
17) Carbon Disulfide	2.502	76	109447	18.096	ug/l	99
18) Methyl Acetate	2.709	43	81978	19.254	ug/l	94
19) Methyl tert-butyl Ether	3.117	73	171777	20.535	ug/l	100
20) Methylene Chloride	2.788	84	57263	19.932	ug/l #	88
21) trans-1,2-Dichloroethene	3.087	96	50209	20.080	ug/l	92
22) Diisopropyl ether	3.763	45	166546	20.188	ug/l	93
23) Vinyl Acetate	3.721	43	943741	100.792	ug/l	96
24) 1,1-Dichloroethane	3.605	63	94980	20.018	ug/l	98
25) 2-Butanone	4.568	43	207136	98.238	ug/l	93
26) 2,2-Dichloropropane	4.471	77	57702	19.782	ug/l	94
27) cis-1,2-Dichloroethene	4.489	96	62297	21.008	ug/l	88
28) Bromochloromethane	4.904	49	37992	20.868	ug/l	87
29) Tetrahydrofuran	5.013	42	134851	94.646	ug/l	93
30) Chloroform	5.093	83	99309	19.993	ug/l	93
31) Cyclohexane	5.470	56	75000	19.364	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	88867	20.323	ug/l	97
36) 1,1-Dichloropropene	5.690	75	63479	19.167	ug/l	96
37) Ethyl Acetate	4.721	43	77309	18.656	ug/l	96
38) Carbon Tetrachloride	5.672	117	74043	19.805	ug/l	99
39) Methylcyclohexane	7.373	83	78453	19.927	ug/l	88
40) Benzene	6.037	78	208989	20.332	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	41315	19.358	ug/l	91
42) 1,2-Dichloroethane	6.092	62	78225	20.923	ug/l	98
43) Isopropyl Acetate	6.342	43	120762	19.705	ug/l	97
44) Trichloroethene	7.123	130	50749	19.649	ug/l	98
45) 1,2-Dichloropropane	7.434	63	49464	18.970	ug/l	98
46) Dibromomethane	7.580	93	38468	20.087	ug/l	93
47) Bromodichloromethane	7.824	83	71483	20.094	ug/l	98
48) Methyl methacrylate	7.696	41	58850	20.027	ug/l	90
49) 1,4-Dioxane	7.671	88	27895	427.627	ug/l #	91
51) 4-Methyl-2-Pentanone	8.574	43	409069	99.652	ug/l	97
52) Toluene	8.720	92	125374	20.108	ug/l	92
53) t-1,3-Dichloropropene	8.982	75	65931	20.049	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	73788	20.317	ug/l #	89
55) 1,1,2-Trichloroethane	9.153	97	51647	20.376	ug/l	97
56) Ethyl methacrylate	9.116	69	81630	20.014	ug/l	93
57) 1,3-Dichloropropane	9.311	76	84807	20.425	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	199562	103.811	ug/l	100
59) 2-Hexanone	9.433	43	320984	100.912	ug/l	99
60) Dibromochloromethane	9.519	129	54122	19.437	ug/l	98
61) 1,2-Dibromoethane	9.610	107	54748	20.444	ug/l	99
64) Tetrachloroethene	9.275	164	47975	21.478	ug/l	99
65) Chlorobenzene	10.079	112	139511	20.465	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	49729	21.156	ug/l	100
67) Ethyl Benzene	10.195	91	239439	20.881	ug/l	98
68) m/p-Xylenes	10.299	106	179600	41.028	ug/l	100
69) o-Xylene	10.640	106	89512	20.412	ug/l	99
70) Styrene	10.659	104	149174	21.155	ug/l	98
71) Bromoform	10.799	173	39165	20.623	ug/l #	99
73) Isopropylbenzene	10.963	105	230409	20.613	ug/l	100
74) N-amyl acetate	10.841	43	100704	20.023	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	80970	19.774	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	66267m	19.059	ug/l	
77) Bromobenzene	11.201	156	59784	21.026	ug/l	88
78) n-propylbenzene	11.305	91	251624	20.266	ug/l	99
79) 2-Chlorotoluene	11.366	91	161694	20.318	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	194703	21.037	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	20123	18.818	ug/l	91
82) 4-Chlorotoluene	11.457	91	180551	20.185	ug/l	97
83) tert-Butylbenzene	11.713	119	193199	20.312	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	195292	20.959	ug/l	99
85) sec-Butylbenzene	11.890	105	232193	20.731	ug/l	100
86) p-Isopropyltoluene	12.006	119	190967	20.523	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	102237	19.868	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	102469	19.427	ug/l	98
89) n-Butylbenzene	12.329	91	152780	19.032	ug/l	98
90) Hexachloroethane	12.536	117	31694	18.620	ug/l	88
91) 1,2-Dichlorobenzene	12.335	146	106175	20.605	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	17526	19.479	ug/l	80
93) 1,2,4-Trichlorobenzene	13.585	180	61244	19.485	ug/l	96
94) Hexachlorobutadiene	13.725	225	26932	20.203	ug/l	97
95) Naphthalene	13.774	128	222061	20.416	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	63833	20.175	ug/l	99

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

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