

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012624\
 Data File : VX039973.D
 Acq On : 26 Jan 2024 11:17
 Operator : JC/MD
 Sample : VX0126WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0126WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/29/2024
 Supervised By : Mahesh Dadoda 01/29/2024

Quant Time: Jan 29 00:37:16 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

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	70356	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	125382	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	118254	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	59481	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	54754	46.458	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 92.920%			
35) Dibromofluoromethane	5.385	113	42550	50.385	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.760%			
50) Toluene-d8	8.647	98	152163	47.774	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 95.540%			
62) 4-Bromofluorobenzene	11.079	95	61036	49.004	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.000%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	19092	20.974	ug/l	93
3) Chloromethane	1.294	50	16160	15.545	ug/l	100
4) Vinyl Chloride	1.374	62	15959	16.266	ug/l	96
5) Bromomethane	1.605	94	11133	19.888	ug/l	98
6) Chloroethane	1.685	64	9651	17.304	ug/l	97
7) Trichlorofluoromethane	1.886	101	23844	16.848	ug/l	97
8) Diethyl Ether	2.136	74	9333	17.844	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.325	101	17772	20.255	ug/l	97
10) Methyl Iodide	2.453	142	18935	20.456	ug/l	93
11) Tert butyl alcohol	2.953	59	27479	89.569	ug/l #	93
12) 1,1-Dichloroethene	2.319	96	16918	19.979	ug/l	98
13) Acrolein	2.239	56	17785	84.119	ug/l	100
14) Allyl chloride	2.660	41	30933	18.560	ug/l	99
15) Acrylonitrile	3.062	53	62070	97.945	ug/l	99
16) Acetone	2.380	43	60133	90.723	ug/l #	89
17) Carbon Disulfide	2.508	76	46108	18.944	ug/l	99
18) Methyl Acetate	2.703	43	30661	22.111	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	59295	19.724	ug/l	99
20) Methylene Chloride	2.788	84	19950	19.899	ug/l #	92
21) trans-1,2-Dichloroethene	3.093	96	18819	21.118	ug/l	96
22) Diisopropyl ether	3.757	45	62879	19.770	ug/l	90
23) Vinyl Acetate	3.721	43	283363	95.845	ug/l	100
24) 1,1-Dichloroethane	3.611	63	34847	19.916	ug/l	98
25) 2-Butanone	4.556	43	90137	94.631	ug/l	98
26) 2,2-Dichloropropane	4.477	77	26149	18.620	ug/l	95
27) cis-1,2-Dichloroethene	4.483	96	22077	21.600	ug/l	94
28) Bromochloromethane	4.904	49	16506	20.811	ug/l	100
29) Tetrahydrofuran	5.007	42	60161	98.129	ug/l	98
30) Chloroform	5.093	83	36789	21.298	ug/l	99
31) Cyclohexane	5.471	56	30007	19.292	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	31036	20.988	ug/l	99
36) 1,1-Dichloropropene	5.690	75	27321	20.784	ug/l	100
37) Ethyl Acetate	4.708	43	33536	19.124	ug/l	99
38) Carbon Tetrachloride	5.684	117	24733	20.543	ug/l	95
39) Methylcyclohexane	7.385	83	32108	20.341	ug/l	96
40) Benzene	6.044	78	78419	21.068	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	17421	20.315	ug/l	93
42) 1,2-Dichloroethane	6.086	62	29988	21.191	ug/l	100
43) Isopropyl Acetate	6.342	43	51127	19.874	ug/l	99
44) Trichloroethene	7.123	130	19873	21.785	ug/l	97
45) 1,2-Dichloropropane	7.434	63	20345	20.375	ug/l	97
46) Dibromomethane	7.580	93	14915	21.626	ug/l	98
47) Bromodichloromethane	7.824	83	27274	21.353	ug/l	93
48) Methyl methacrylate	7.696	41	24936	19.720	ug/l	93
49) 1,4-Dioxane	7.659	88	10019	409.486	ug/l #	94
51) 4-Methyl-2-Pentanone	8.574	43	184448	104.106	ug/l	99
52) Toluene	8.720	92	49800	22.400	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	27465	20.264	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	31760	21.311	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	20490	21.647	ug/l	94
56) Ethyl methacrylate	9.116	69	32403	21.151	ug/l	96
57) 1,3-Dichloropropane	9.305	76	35019	21.831	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.238	63	67645	93.416	ug/l	96
59) 2-Hexanone	9.427	43	147604	105.264	ug/l	98
60) Dibromochloromethane	9.519	129	19383	21.714	ug/l	98
61) 1,2-Dibromoethane	9.610	107	22120	22.566	ug/l	97
64) Tetrachloroethene	9.275	164	16471	21.419	ug/l	97
65) Chlorobenzene	10.079	112	52881	21.470	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.159	131	17798	21.222	ug/l	96
67) Ethyl Benzene	10.195	91	97917	21.414	ug/l	99
68) m/p-Xylenes	10.299	106	74179	44.110	ug/l	100
69) o-Xylene	10.640	106	35018	21.027	ug/l	97
70) Styrene	10.653	104	59212	21.765	ug/l	99
71) Bromoform	10.799	173	13336	21.177	ug/l #	99
73) Isopropylbenzene	10.963	105	92850	19.607	ug/l	97
74) N-amyl acetate	10.842	43	43992	17.821	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	35278	19.508	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	29097m	18.868	ug/l	
77) Bromobenzene	11.195	156	21915	20.784	ug/l	97
78) n-propylbenzene	11.305	91	114862	20.040	ug/l	98
79) 2-Chlorotoluene	11.366	91	68375	19.301	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	80611	20.042	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	8510	18.224	ug/l	95
82) 4-Chlorotoluene	11.451	91	79433	19.768	ug/l	100
83) tert-Butylbenzene	11.713	119	75829	19.748	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	80329	20.019	ug/l	97
85) sec-Butylbenzene	11.890	105	100930	20.248	ug/l	99
86) p-Isopropyltoluene	12.006	119	81615	20.486	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	41870	20.715	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	42919	20.560	ug/l	97
89) n-Butylbenzene	12.329	91	77924	20.252	ug/l	95
90) Hexachloroethane	12.536	117	12074	17.965	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	40603	20.320	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	8161	18.417	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	26086	21.362	ug/l	97
94) Hexachlorobutadiene	13.725	225	8881	17.495	ug/l	96
95) Naphthalene	13.774	128	91785	20.418	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	25711	20.862	ug/l	99

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

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