

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041223\
 Data File : VX035008.D
 Acq On : 11 Apr 2023 14:45
 Operator : JC/MD
 Sample : VX0412WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0412WBS01

Quant Time: Apr 12 05:49:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 01 01:50:18 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/12/2023
 Supervised By : Semsettin Yesilyurt 04/12/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	315706	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	514602	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	459732	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	228967	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	216139	44.765	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	89.540%		
35) Dibromofluoromethane	5.385	113	160867	47.263	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.520%		
50) Toluene-d8	8.647	98	597335	47.546	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.100%		
62) 4-Bromofluorobenzene	11.079	95	234473	48.229	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.460%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	62374	19.809	ug/l	100
3) Chloromethane	1.294	50	70582	17.903	ug/l	99
4) Vinyl Chloride	1.374	62	70009	17.934	ug/l	98
5) Bromomethane	1.618	94	44439	17.519	ug/l	96
6) Chloroethane	1.691	64	42649	16.793	ug/l	97
7) Trichlorofluoromethane	1.886	101	100536	16.020	ug/l	98
8) Diethyl Ether	2.136	74	40304	18.217	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	64525	19.672	ug/l	99
10) Methyl Iodide	2.453	142	64965	15.905	ug/l	94
11) Tert butyl alcohol	3.020	59	76638m	90.467	ug/l	
12) 1,1-Dichloroethene	2.319	96	58108	17.929	ug/l	92
13) Acrolein	2.239	56	98718	113.203	ug/l	99
14) Allyl chloride	2.666	41	114202	17.986	ug/l	97
15) Acrylonitrile	3.068	53	185776	97.425	ug/l	99
16) Acetone	2.398	43	207058	105.566	ug/l	97
17) Carbon Disulfide	2.514	76	128983	15.890	ug/l	99
18) Methyl Acetate	2.709	43	136591	19.600	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	224819	18.735	ug/l	98
20) Methylene Chloride	2.788	84	69951	18.073	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	64737	18.314	ug/l	95
22) Diisopropyl ether	3.757	45	241607	18.858	ug/l	99
23) Vinyl Acetate	3.721	43	852146	93.260	ug/l	99
24) 1,1-Dichloroethane	3.611	63	127950	18.561	ug/l	99
25) 2-Butanone	4.562	43	279264	97.880	ug/l	99
26) 2,2-Dichloropropane	4.477	77	97618	17.220	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	76482	18.260	ug/l	98
28) Bromochloromethane	4.891	49	55746	16.532	ug/l	98
29) Tetrahydrofuran	5.013	42	169462	94.811	ug/l	100
30) Chloroform	5.093	83	131664	18.805	ug/l	99
31) Cyclohexane	5.471	56	112124	19.071	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	111448	18.653	ug/l	99
36) 1,1-Dichloropropene	5.696	75	94075	18.656	ug/l	99
37) Ethyl Acetate	4.715	43	101984	19.342	ug/l	99
38) Carbon Tetrachloride	5.678	117	94071	19.787	ug/l	99
39) Methylcyclohexane	7.379	83	104380	19.493	ug/l	96
40) Benzene	6.037	78	277031	19.138	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	57817	20.163	ug/l	98
42) 1,2-Dichloroethane	6.086	62	110362	19.177	ug/l	99
43) Isopropyl Acetate	6.342	43	165403	18.750	ug/l	99
44) Trichloroethene	7.129	130	72170	19.531	ug/l	97
45) 1,2-Dichloropropane	7.427	63	72491	19.218	ug/l	97
46) Dibromomethane	7.580	93	49125	18.928	ug/l	100
47) Bromodichloromethane	7.824	83	91951	19.180	ug/l	99
48) Methyl methacrylate	7.690	41	82804	19.114	ug/l	98
49) 1,4-Dioxane	7.738	88	37097	415.524	ug/l #	79
51) 4-Methyl-2-Pentanone	8.574	43	525434	100.643	ug/l	100
52) Toluene	8.720	92	176625	18.714	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	95639	18.544	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	109086	19.328	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	70335	19.690	ug/l	98
56) Ethyl methacrylate	9.116	69	108630	19.409	ug/l	98
57) 1,3-Dichloropropane	9.311	76	124263	19.643	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	300188	105.338	ug/l	99
59) 2-Hexanone	9.433	43	408951	103.564	ug/l	100
60) Dibromochloromethane	9.519	129	66425	19.521	ug/l	100
61) 1,2-Dibromoethane	9.610	107	71818	19.334	ug/l	99
64) Tetrachloroethene	9.275	164	63646	19.345	ug/l	99
65) Chlorobenzene	10.079	112	186187	19.465	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	64531	19.620	ug/l	98
67) Ethyl Benzene	10.195	91	341687	19.719	ug/l	98
68) m/p-Xylenes	10.299	106	257586	38.915	ug/l	98
69) o-Xylene	10.640	106	125779	19.397	ug/l	97
70) Styrene	10.653	104	206585	19.957	ug/l	99
71) Bromoform	10.799	173	43400	19.401	ug/l #	99
73) Isopropylbenzene	10.963	105	332385	19.818	ug/l	99
74) N-amyl acetate	10.842	43	140404	18.619	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	104895	19.082	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	88339m	19.148	ug/l	
77) Bromobenzene	11.201	156	77604	18.674	ug/l	99
78) n-propylbenzene	11.305	91	379652	19.595	ug/l	100
79) 2-Chlorotoluene	11.366	91	238104	19.464	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	277718	19.804	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	24058	15.628	ug/l #	80
82) 4-Chlorotoluene	11.457	91	274988	19.358	ug/l	100
83) tert-Butylbenzene	11.713	119	262552	19.938	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	280538	19.672	ug/l	99
85) sec-Butylbenzene	11.890	105	320306	19.994	ug/l	99
86) p-Isopropyltoluene	12.006	119	271835	20.349	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	146402	19.344	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	150945	19.096	ug/l	99
89) n-Butylbenzene	12.329	91	229899	19.698	ug/l	99
90) Hexachloroethane	12.536	117	40213	19.430	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	146421	19.317	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	22166	19.319	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	89260	20.821	ug/l	99
94) Hexachlorobutadiene	13.725	225	36823	19.529	ug/l	99
95) Naphthalene	13.774	128	302447	19.855	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	86969	20.117	ug/l	99

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

