

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022924\
 Data File : VX040543.D
 Acq On : 29 Feb 2024 17:30
 Operator : JC/MD
 Sample : VX0229WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0229WBSD01

Quant Time: Mar 01 03:51:34 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 03/01/2024
 Supervised By : Semsettin Yesilyurt 03/01/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	83156	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	140449	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	124622	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	67936	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	71574	51.461	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.920%			
35) Dibromofluoromethane	5.379	113	49720	50.908	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.820%			
50) Toluene-d8	8.647	98	173579	48.962	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.920%			
62) 4-Bromofluorobenzene	11.079	95	64772	47.930	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 95.860%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	18765	18.133	ug/l	98
3) Chloromethane	1.295	50	17793	17.334	ug/l	96
4) Vinyl Chloride	1.374	62	19439	17.513	ug/l	98
5) Bromomethane	1.605	94	14097	22.853	ug/l	99
6) Chloroethane	1.685	64	12392	17.641	ug/l	100
7) Trichlorofluoromethane	1.886	101	28955	16.516	ug/l	99
8) Diethyl Ether	2.136	74	10107	16.494	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.325	101	17837	18.902	ug/l	96
10) Methyl Iodide	2.453	142	17948	20.543	ug/l	99
11) Tert butyl alcohol	2.953	59	22477	96.135	ug/l #	90
12) 1,1-Dichloroethene	2.319	96	15917	16.800	ug/l	94
13) Acrolein	2.233	56	15914	106.165	ug/l	97
14) Allyl chloride	2.666	41	27990	16.887	ug/l	88
15) Acrylonitrile	3.063	53	51164	87.239	ug/l	98
16) Acetone	2.374	43	49017	108.068	ug/l	100
17) Carbon Disulfide	2.514	76	39984	15.240	ug/l	100
18) Methyl Acetate	2.703	43	27994	20.019	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	59257	18.337	ug/l	93
20) Methylene Chloride	2.788	84	19369	17.845	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	17112	16.936	ug/l	95
22) Diisopropyl ether	3.764	45	58809	17.656	ug/l	90
23) Vinyl Acetate	3.721	43	269828	88.435	ug/l	99
24) 1,1-Dichloroethane	3.605	63	34366	17.693	ug/l	96
25) 2-Butanone	4.550	43	75194	95.151	ug/l	98
26) 2,2-Dichloropropane	4.471	77	26182	16.930	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	20225	17.110	ug/l	97
28) Bromochloromethane	4.904	49	15200	18.708	ug/l	98
29) Tetrahydrofuran	5.001	42	47905	86.895	ug/l	98
30) Chloroform	5.099	83	37456	18.168	ug/l	97
31) Cyclohexane	5.471	56	26066	16.542	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	32502	18.470	ug/l	97
36) 1,1-Dichloropropene	5.696	75	26323	17.493	ug/l	98
37) Ethyl Acetate	4.715	43	28632	17.386	ug/l	99
38) Carbon Tetrachloride	5.678	117	26578	18.283	ug/l	95
39) Methylcyclohexane	7.379	83	27761	17.088	ug/l	93
40) Benzene	6.038	78	71339	17.511	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	16848	18.316	ug/l	99
42) 1,2-Dichloroethane	6.086	62	34038	20.186	ug/l	97
43) Isopropyl Acetate	6.336	43	47735	18.473	ug/l	97
44) Trichloroethene	7.129	130	19030	17.369	ug/l	95
45) 1,2-Dichloropropane	7.428	63	19083	17.502	ug/l	100
46) Dibromomethane	7.580	93	14298	17.837	ug/l	97
47) Bromodichloromethane	7.818	83	28610	18.127	ug/l #	96
48) Methyl methacrylate	7.690	41	23650	18.311	ug/l	92
49) 1,4-Dioxane	7.659	88	9574	391.861	ug/l #	90
51) 4-Methyl-2-Pentanone	8.568	43	159177	93.170	ug/l	98
52) Toluene	8.720	92	46387	18.553	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	28819	17.992	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	30436	17.678	ug/l	96
55) 1,1,2-Trichloroethane	9.147	97	19656	18.944	ug/l	98
56) Ethyl methacrylate	9.116	69	29636	18.473	ug/l #	94
57) 1,3-Dichloropropane	9.305	76	31728	17.556	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	77012	91.554	ug/l	97
59) 2-Hexanone	9.427	43	125257	95.359	ug/l	97
60) Dibromochloromethane	9.519	129	20278	17.993	ug/l	94
61) 1,2-Dibromoethane	9.610	107	20430	18.044	ug/l	98
64) Tetrachloroethene	9.275	164	17377	19.861	ug/l	96
65) Chlorobenzene	10.080	112	48082	18.139	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.159	131	16848	18.035	ug/l	98
67) Ethyl Benzene	10.195	91	85556	17.632	ug/l	97
68) m/p-Xylenes	10.299	106	61993	34.214	ug/l	92
69) o-Xylene	10.640	106	29124	16.806	ug/l	89
70) Styrene	10.653	104	50104	17.343	ug/l	98
71) Bromoform	10.799	173	13515	17.674	ug/l #	98
73) Isopropylbenzene	10.964	105	85670	17.123	ug/l	98
74) N-amyl acetate	10.842	43	37438	16.111	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.214	83	33063	18.273	ug/l	97
76) 1,2,3-Trichloropropane	11.238	75	27620m	18.473	ug/l	
77) Bromobenzene	11.195	156	21723	18.362	ug/l	99
78) n-propylbenzene	11.305	91	110873	17.866	ug/l	99
79) 2-Chlorotoluene	11.360	91	67213	17.991	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	78350	18.414	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	7278	16.669	ug/l	92
82) 4-Chlorotoluene	11.451	91	78054	18.068	ug/l	100
83) tert-Butylbenzene	11.713	119	74652	18.609	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	77898	18.452	ug/l	100
85) sec-Butylbenzene	11.890	105	95838	18.185	ug/l	100
86) p-Isopropyltoluene	12.006	119	79645	18.335	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	42015	17.818	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	42853	17.852	ug/l	98
89) n-Butylbenzene	12.329	91	77487	18.131	ug/l	94
90) Hexachloroethane	12.536	117	13255	18.334	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	41241	18.353	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	8235	19.522	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	27744	18.918	ug/l	97
94) Hexachlorobutadiene	13.725	225	11227	18.732	ug/l	98
95) Naphthalene	13.774	128	88538	18.892	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	27902	20.015	ug/l	98

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

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