

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032423\
 Data File : VX034717.D
 Acq On : 24 Mar 2023 13:46
 Operator : JC/MD
 Sample : VX0324WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0324WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/27/2023
 Supervised By : Semsettin Yesilyurt 03/27/2023

Quant Time: Mar 27 01:29:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	296106	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	501979	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	450375	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	222756	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	252543	58.625	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 117.260%#			
35) Dibromofluoromethane	5.379	113	179101	54.039	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.080%			
50) Toluene-d8	8.647	98	616438	49.823	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.640%			
62) 4-Bromofluorobenzene	11.079	95	258535	51.732	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.460%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	68327	24.752	ug/l	97
3) Chloromethane	1.294	50	81655	18.706	ug/l	100
4) Vinyl Chloride	1.374	62	78345	20.843	ug/l	99
5) Bromomethane	1.617	94	53688	28.309	ug/l	97
6) Chloroethane	1.691	64	48068	22.211	ug/l	97
7) Trichlorofluoromethane	1.892	101	112810	19.974	ug/l	98
8) Diethyl Ether	2.130	74	51103	24.787	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	68190	20.717	ug/l	97
10) Methyl Iodide	2.453	142	86603	20.041	ug/l	91
11) Tert butyl alcohol	2.995	59	104558	116.557	ug/l	97
12) 1,1-Dichloroethene	2.319	96	62703	19.343	ug/l	92
13) Acrolein	2.239	56	53070	74.783	ug/l	100
14) Allyl chloride	2.666	41	132374	20.143	ug/l	96
15) Acrylonitrile	3.062	53	216153	111.545	ug/l	99
16) Acetone	2.392	43	205460	101.254	ug/l	94
17) Carbon Disulfide	2.514	76	148018	16.226	ug/l	99
18) Methyl Acetate	2.703	43	163026	24.588	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	280156	24.138	ug/l	97
20) Methylene Chloride	2.788	84	81161	20.609	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	70879	20.589	ug/l	97
22) Diisopropyl ether	3.757	45	283747	22.646	ug/l	95
23) Vinyl Acetate	3.721	43	1058053	110.953	ug/l	98
24) 1,1-Dichloroethane	3.611	63	145111	21.544	ug/l	98
25) 2-Butanone	4.562	43	315865	108.790	ug/l	99
26) 2,2-Dichloropropane	4.471	77	116913	19.969	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	87042	21.003	ug/l	97
28) Bromochloromethane	4.897	49	65911	21.046	ug/l	98
29) Tetrahydrofuran	5.001	42	203430	113.547	ug/l	99
30) Chloroform	5.092	83	151645	22.968	ug/l	97
31) Cyclohexane	5.470	56	119342	19.754	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	125612	21.491	ug/l	99
36) 1,1-Dichloropropene	5.690	75	103889	20.408	ug/l	98
37) Ethyl Acetate	4.708	43	124676	22.419	ug/l	100
38) Carbon Tetrachloride	5.678	117	105862	20.904	ug/l	98
39) Methylcyclohexane	7.379	83	117326	19.259	ug/l	93
40) Benzene	6.037	78	307405	20.643	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	69533	22.814	ug/l	98
42) 1,2-Dichloroethane	6.086	62	134472	24.570	ug/l	98
43) Isopropyl Acetate	6.336	43	207294	22.003	ug/l	100
44) Trichloroethene	7.123	130	78361	20.252	ug/l	99
45) 1,2-Dichloropropane	7.427	63	83028	21.353	ug/l	99
46) Dibromomethane	7.580	93	58128	21.989	ug/l	100
47) Bromodichloromethane	7.818	83	112629	22.014	ug/l	97
48) Methyl methacrylate	7.690	41	103486	22.839	ug/l	99
49) 1,4-Dioxane	7.702	88	43916	461.447	ug/l	99
51) 4-Methyl-2-Pentanone	8.567	43	626196	114.576	ug/l	99
52) Toluene	8.714	92	193540	20.992	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	120188	20.852	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	130790	20.974	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	82775	22.623	ug/l	98
56) Ethyl methacrylate	9.116	69	133403	22.206	ug/l	99
57) 1,3-Dichloropropane	9.305	76	145526	22.378	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	294696	95.184	ug/l	98
59) 2-Hexanone	9.427	43	469210	111.061	ug/l	100
60) Dibromochloromethane	9.519	129	81074	21.127	ug/l	99
61) 1,2-Dibromoethane	9.610	107	87254	22.099	ug/l	100
64) Tetrachloroethene	9.275	164	67839	22.424	ug/l	99
65) Chlorobenzene	10.079	112	208922	21.143	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.159	131	77430	21.514	ug/l	99
67) Ethyl Benzene	10.195	91	370809	20.961	ug/l	98
68) m/p-Xylenes	10.299	106	282076	41.509	ug/l	97
69) o-Xylene	10.640	106	141087	20.688	ug/l	97
70) Styrene	10.652	104	232600	21.140	ug/l	99
71) Bromoform	10.799	173	54037	19.505	ug/l #	100
73) Isopropylbenzene	10.963	105	365857	21.251	ug/l	99
74) N-amyl acetate	10.841	43	177301	21.501	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	124137	21.608	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	105414m	20.610	ug/l	
77) Bromobenzene	11.195	156	88383	21.397	ug/l	99
78) n-propylbenzene	11.305	91	415195	20.882	ug/l	100
79) 2-Chlorotoluene	11.366	91	263723	21.476	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	314633	21.788	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	32403	17.139	ug/l #	84
82) 4-Chlorotoluene	11.451	91	305491	21.598	ug/l	100
83) tert-Butylbenzene	11.713	119	300297	20.625	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	314974	21.342	ug/l	97
85) sec-Butylbenzene	11.890	105	361303	20.298	ug/l	99
86) p-Isopropyltoluene	12.006	119	308415	20.616	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	163680	20.224	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	166704	20.371	ug/l	99
89) n-Butylbenzene	12.329	91	254790	19.159	ug/l	99
90) Hexachloroethane	12.536	117	46755	16.891	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	165362	21.142	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	28391	21.751	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	101624	20.778	ug/l	99
94) Hexachlorobutadiene	13.725	225	39047	19.816	ug/l	99
95) Naphthalene	13.774	128	364011	22.194	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	102453	21.429	ug/l	100

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

