

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072723\
 Data File : VX036671.D
 Acq On : 27 Jul 2023 13:03
 Operator : JC/MD
 Sample : VX0727WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0727WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/28/2023
 Supervised By : Semsettin Yesilyurt 07/28/2023

Quant Time: Jul 28 06:10:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	145545	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	246637	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	224326	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	109516	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	109743	50.959	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.920%			
35) Dibromofluoromethane	5.385	113	89924	53.045	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.080%			
50) Toluene-d8	8.647	98	312767	52.026	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 104.060%			
62) 4-Bromofluorobenzene	11.079	95	121667	53.642	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.280%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	34658	18.026	ug/l	97
3) Chloromethane	1.301	50	31839	18.206	ug/l	94
4) Vinyl Chloride	1.374	62	33109	18.596	ug/l	96
5) Bromomethane	1.599	94	18968	17.844	ug/l	98
6) Chloroethane	1.685	64	20923	24.171	ug/l	95
7) Trichlorofluoromethane	1.886	101	57169	20.792	ug/l	99
8) Diethyl Ether	2.136	74	21327	20.049	ug/l	80
9) 1,1,2-Trichlorotrifluo...	2.325	101	33949	20.551	ug/l	98
10) Methyl Iodide	2.453	142	33365	19.446	ug/l	94
11) Tert butyl alcohol	2.965	59	63357	124.268	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	32140	19.721	ug/l	87
13) Acrolein	2.239	56	28627	98.386	ug/l	100
14) Allyl chloride	2.660	41	60941	18.989	ug/l	93
15) Acrylonitrile	3.062	53	116196	113.327	ug/l	99
16) Acetone	2.380	43	100473	112.431	ug/l	92
17) Carbon Disulfide	2.508	76	81239	18.061	ug/l	99
18) Methyl Acetate	2.703	43	85174	22.656	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	132318	21.605	ug/l	100
20) Methylene Chloride	2.788	84	39056	19.651	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	35857	19.686	ug/l	91
22) Diisopropyl ether	3.764	45	124376	20.412	ug/l	86
23) Vinyl Acetate	3.721	43	492157	105.296	ug/l	96
24) 1,1-Dichloroethane	3.611	63	68857	20.155	ug/l	97
25) 2-Butanone	4.556	43	164479	113.443	ug/l	94
26) 2,2-Dichloropropane	4.477	77	60758	18.874	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	44611	20.621	ug/l	90
28) Bromochloromethane	4.897	49	34764	21.040	ug/l	93
29) Tetrahydrofuran	5.007	42	105424	112.781	ug/l	94
30) Chloroform	5.093	83	72654	20.787	ug/l	98
31) Cyclohexane	5.471	56	56317	18.887	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	64184	20.041	ug/l	98
36) 1,1-Dichloropropene	5.690	75	50797	20.104	ug/l	98
37) Ethyl Acetate	4.715	43	63063	22.051	ug/l	97
38) Carbon Tetrachloride	5.678	117	55154	20.532	ug/l	96
39) Methylcyclohexane	7.379	83	61674	19.629	ug/l	95
40) Benzene	6.037	78	152023	20.679	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	35171	22.994	ug/l	93
42) 1,2-Dichloroethane	6.086	62	58434	21.740	ug/l	96
43) Isopropyl Acetate	6.342	43	104910	21.310	ug/l	96
44) Trichloroethene	7.129	130	39565	20.590	ug/l	96
45) 1,2-Dichloropropane	7.427	63	41393	21.089	ug/l	100
46) Dibromomethane	7.580	93	29799	21.693	ug/l	96
47) Bromodichloromethane	7.824	83	59539	21.116	ug/l	96
48) Methyl methacrylate	7.696	41	49519	21.629	ug/l	90
49) 1,4-Dioxane	7.659	88	23932	517.442	ug/l #	90
51) 4-Methyl-2-Pentanone	8.574	43	323021	118.569	ug/l	96
52) Toluene	8.720	92	97657	21.201	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	67423	21.156	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	69801	20.756	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	42003	21.692	ug/l	95
56) Ethyl methacrylate	9.116	69	69871	22.160	ug/l	94
57) 1,3-Dichloropropane	9.311	76	71020	22.021	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	168235	108.288	ug/l	98
59) 2-Hexanone	9.433	43	245411	121.377	ug/l	94
60) Dibromochloromethane	9.519	129	46689	21.938	ug/l	100
61) 1,2-Dibromoethane	9.610	107	44783	22.316	ug/l	99
64) Tetrachloroethene	9.275	164	34646	20.706	ug/l	98
65) Chlorobenzene	10.079	112	105230	21.281	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	41298	21.608	ug/l	99
67) Ethyl Benzene	10.195	91	187015	20.703	ug/l	100
68) m/p-Xylenes	10.299	106	143321	42.524	ug/l	98
69) o-Xylene	10.640	106	70892	21.072	ug/l	100
70) Styrene	10.659	104	117905	21.242	ug/l	98
71) Bromoform	10.799	173	34224	22.121	ug/l #	100
73) Isopropylbenzene	10.963	105	185372	20.453	ug/l	98
74) N-amyl acetate	10.842	43	88890	21.032	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	66924	21.862	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	55218m	21.436	ug/l	
77) Bromobenzene	11.201	156	43483	21.067	ug/l	96
78) n-propylbenzene	11.305	91	215199	20.530	ug/l	100
79) 2-Chlorotoluene	11.366	91	129158	20.335	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	156087	20.586	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	23622	20.785	ug/l	87
82) 4-Chlorotoluene	11.457	91	148372	20.502	ug/l	99
83) tert-Butylbenzene	11.713	119	154405	20.729	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	157022	20.708	ug/l	97
85) sec-Butylbenzene	11.890	105	195759	21.074	ug/l	99
86) p-Isopropyltoluene	12.006	119	161110	21.078	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	81653	21.359	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	82746	21.810	ug/l	99
89) n-Butylbenzene	12.329	91	141932	20.743	ug/l	99
90) Hexachloroethane	12.536	117	31102	20.071	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	81381	22.060	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	15988	22.476	ug/l	85
93) 1,2,4-Trichlorobenzene	13.585	180	50177	22.077	ug/l	97
94) Hexachlorobutadiene	13.725	225	19786	21.043	ug/l	98
95) Naphthalene	13.774	128	183684	23.192	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	50113	22.371	ug/l	98

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

