

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032223\
 Data File : VX034668.D
 Acq On : 22 Mar 2023 13:11
 Operator : JC/MD
 Sample : VX0322WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0322WBSD02

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 03/23/2023
 Supervised By :Semsettin Yesilyurt 03/23/2023

Quant Time: Mar 23 07:53:27 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	258185	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	438385	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	414272	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	219557	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	192530	51.258	ug/l	0.01
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.520%			
35) Dibromofluoromethane	5.385	113	146749	50.701	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.400%			
50) Toluene-d8	8.647	98	525712	48.654	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.300%			
62) 4-Bromofluorobenzene	11.079	95	208028	47.664	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 95.320%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	50694	21.062	ug/l	98
3) Chloromethane	1.307	50	70320	18.458	ug/l	98
4) Vinyl Chloride	1.374	62	64439	19.662	ug/l	99
5) Bromomethane	1.599	94	41133	24.875	ug/l	94
6) Chloroethane	1.685	64	43027	22.802	ug/l	100
7) Trichlorofluoromethane	1.886	101	103051	20.926	ug/l	99
8) Diethyl Ether	2.130	74	38435	21.380	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.325	101	53913	18.786	ug/l	99
10) Methyl Iodide	2.453	142	69553	18.459	ug/l	95
11) Tert butyl alcohol	2.953	59	78339	100.156	ug/l	99
12) 1,1-Dichloroethene	2.319	96	53944	19.086	ug/l	95
13) Acrolein	2.233	56	53889	87.090	ug/l	99
14) Allyl chloride	2.660	41	107459	18.753	ug/l	99
15) Acrylonitrile	3.062	53	180772	106.989	ug/l	98
16) Acetone	2.380	43	160234	90.564	ug/l	100
17) Carbon Disulfide	2.508	76	131284	16.505	ug/l	99
18) Methyl Acetate	2.703	43	129960	22.480	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	208608	20.613	ug/l	96
20) Methylene Chloride	2.788	84	65033	18.939	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	59027	19.665	ug/l	95
22) Diisopropyl ether	3.757	45	221528	20.277	ug/l	98
23) Vinyl Acetate	3.721	43	823670	99.060	ug/l	97
24) 1,1-Dichloroethane	3.611	63	116165	19.780	ug/l	98
25) 2-Butanone	4.556	43	256330	101.251	ug/l	100
26) 2,2-Dichloropropane	4.471	77	87611	17.162	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	69593	19.259	ug/l	98
28) Bromochloromethane	4.897	49	59715	21.868	ug/l	100
29) Tetrahydrofuran	5.001	42	165455	105.915	ug/l	99
30) Chloroform	5.093	83	115249	20.019	ug/l	93
31) Cyclohexane	5.471	56	101387	19.247	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	98131	19.255	ug/l	100
36) 1,1-Dichloropropene	5.696	75	83120	18.697	ug/l	98
37) Ethyl Acetate	4.715	43	101245	20.846	ug/l	99
38) Carbon Tetrachloride	5.684	117	81297	18.382	ug/l	95
39) Methylcyclohexane	7.379	83	95568	17.963	ug/l	98
40) Benzene	6.037	78	253051	19.458	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	53465	20.087	ug/l	98
42) 1,2-Dichloroethane	6.086	62	99731	20.866	ug/l	99
43) Isopropyl Acetate	6.336	43	165514	20.117	ug/l	100
44) Trichloroethene	7.123	130	62932	18.624	ug/l	94
45) 1,2-Dichloropropane	7.427	63	67484	19.873	ug/l	100
46) Dibromomethane	7.580	93	46557	20.167	ug/l	99
47) Bromodichloromethane	7.824	83	85909	19.228	ug/l	98
48) Methyl methacrylate	7.690	41	80616	20.373	ug/l	98
49) 1,4-Dioxane	7.659	88	38542	463.728	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	508691	106.578	ug/l	99
52) Toluene	8.720	92	160266	19.905	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	90632	18.005	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	102758	18.869	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	66321	20.755	ug/l	98
56) Ethyl methacrylate	9.116	69	104641	19.945	ug/l	98
57) 1,3-Dichloropropane	9.311	76	115055	20.259	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	243073	89.900	ug/l	100
59) 2-Hexanone	9.427	43	390904	105.949	ug/l	99
60) Dibromochloromethane	9.519	129	64000	19.097	ug/l	100
61) 1,2-Dibromoethane	9.610	107	70996	20.589	ug/l	100
64) Tetrachloroethene	9.275	164	52560	18.887	ug/l	100
65) Chlorobenzene	10.079	112	176634	19.433	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	63013	19.034	ug/l	99
67) Ethyl Benzene	10.195	91	324393	19.935	ug/l	96
68) m/p-Xylenes	10.299	106	234061	37.445	ug/l	99
69) o-Xylene	10.640	106	117862	18.789	ug/l	99
70) Styrene	10.653	104	188302	18.605	ug/l	100
71) Bromoform	10.799	173	40810	16.015	ug/l	98
73) Isopropylbenzene	10.963	105	300380	17.702	ug/l	100
74) N-amyl acetate	10.842	43	145698	17.926	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	106124	18.741	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	86354m	17.129	ug/l	
77) Bromobenzene	11.201	156	72528	17.815	ug/l	97
78) n-propylbenzene	11.305	91	347453	17.730	ug/l	99
79) 2-Chlorotoluene	11.366	91	214526	17.724	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	253063	17.780	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	25890	13.893	ug/l	87
82) 4-Chlorotoluene	11.451	91	247799	17.775	ug/l	98
83) tert-Butylbenzene	11.713	119	273007	19.024	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	284341	19.547	ug/l	98
85) sec-Butylbenzene	11.890	105	328227	18.709	ug/l	99
86) p-Isopropyltoluene	12.006	119	284328	19.283	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	153375	19.227	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	154144	19.110	ug/l	98
89) n-Butylbenzene	12.335	91	243326	18.563	ug/l	98
90) Hexachloroethane	12.536	117	44512	16.315	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	155099	20.119	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	25846	20.090	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	92641	19.217	ug/l	99
94) Hexachlorobutadiene	13.725	225	35935	18.503	ug/l	100
95) Naphthalene	13.774	128	328018	20.291	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	81898	17.379	ug/l	99

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

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