

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032123\
 Data File : VX034647.D
 Acq On : 21 Mar 2023 11:44
 Operator : JC/MD
 Sample : VX0321WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0321WBS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/22/2023
 Supervised By :Mahesh Dadoda 03/22/2023

Quant Time: Mar 22 02:01:02 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	5.544	168	271235	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	451548	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	406553	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	207787	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	190826	48.360	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.720%		
35) Dibromofluoromethane	5.379	113	146947	49.289	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.580%		
50) Toluene-d8	8.647	98	530206	47.640	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.280%		
62) 4-Bromofluorobenzene	11.079	95	212261	47.217	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.440%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	54654	21.614	ug/l	97
3) Chloromethane	1.301	50	73787	18.435	ug/l	100
4) Vinyl Chloride	1.374	62	69281	20.122	ug/l	97
5) Bromomethane	1.605	94	48706	28.037	ug/l	97
6) Chloroethane	1.685	64	44919	22.659	ug/l	99
7) Trichlorofluoromethane	1.886	101	111727	21.596	ug/l	99
8) Diethyl Ether	2.130	74	42008	22.243	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.325	101	59125	19.610	ug/l	99
10) Methyl Iodide	2.453	142	80795	20.411	ug/l	98
11) Tert butyl alcohol	2.947	59	65936	80.243	ug/l	99
12) 1,1-Dichloroethene	2.319	96	55238	18.603	ug/l	93
13) Acrolein	2.233	56	51774	79.646	ug/l	98
14) Allyl chloride	2.660	41	110614	18.375	ug/l	96
15) Acrylonitrile	3.056	53	174287	98.188	ug/l	99
16) Acetone	2.374	43	162210	87.269	ug/l	98
17) Carbon Disulfide	2.508	76	143270	17.145	ug/l	99
18) Methyl Acetate	2.697	43	123665	20.362	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	211886	19.930	ug/l	96
20) Methylene Chloride	2.788	84	68793	19.070	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	62423	19.795	ug/l	98
22) Diisopropyl ether	3.757	45	228639	19.921	ug/l	92
23) Vinyl Acetate	3.715	43	844355	96.662	ug/l	99
24) 1,1-Dichloroethane	3.605	63	119869	19.428	ug/l	99
25) 2-Butanone	4.550	43	249181	93.692	ug/l	98
26) 2,2-Dichloropropane	4.471	77	97325	18.148	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	73749	19.428	ug/l	99
28) Bromochloromethane	4.897	49	58393	20.355	ug/l	99
29) Tetrahydrofuran	4.995	42	157659	96.068	ug/l	99
30) Chloroform	5.093	83	122058	20.182	ug/l	100
31) Cyclohexane	5.464	56	106004	19.155	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	102262	19.100	ug/l	98
36) 1,1-Dichloropropene	5.684	75	89390	19.521	ug/l	100
37) Ethyl Acetate	4.702	43	95687	19.128	ug/l	99
38) Carbon Tetrachloride	5.672	117	85552	18.780	ug/l	97
39) Methylcyclohexane	7.373	83	105607	19.271	ug/l	96
40) Benzene	6.031	78	266901	19.924	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	53685	19.582	ug/l	99
42) 1,2-Dichloroethane	6.080	62	103673	21.058	ug/l	99
43) Isopropyl Acetate	6.336	43	162896	19.221	ug/l	100
44) Trichloroethene	7.123	130	68233	19.604	ug/l	97
45) 1,2-Dichloropropane	7.427	63	70213	20.074	ug/l	94
46) Dibromomethane	7.580	93	47496	19.974	ug/l	97
47) Bromodichloromethane	7.818	83	89966	19.549	ug/l	99
48) Methyl methacrylate	7.690	41	78906	19.359	ug/l	98
49) 1,4-Dioxane	7.653	88	32796	383.090	ug/l	98
51) 4-Methyl-2-Pentanone	8.568	43	494439	100.572	ug/l	98
52) Toluene	8.714	92	167988	20.256	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	96168	18.548	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	108054	19.263	ug/l	97
55) 1,1,2-Trichloroethane	9.147	97	68080	20.685	ug/l	98
56) Ethyl methacrylate	9.116	69	106327	19.675	ug/l	98
57) 1,3-Dichloropropane	9.305	76	118277	20.219	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	247020	88.696	ug/l	99
59) 2-Hexanone	9.427	43	379853	99.952	ug/l	99
60) Dibromochloromethane	9.519	129	65029	18.838	ug/l	99
61) 1,2-Dibromoethane	9.610	107	70584	19.873	ug/l	100
64) Tetrachloroethene	9.269	164	55463	20.309	ug/l	96
65) Chlorobenzene	10.079	112	178985	20.065	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.159	131	63856	19.655	ug/l	100
67) Ethyl Benzene	10.189	91	326033	20.417	ug/l	97
68) m/p-Xylenes	10.299	106	250669	40.863	ug/l	99
69) o-Xylene	10.640	106	123049	19.988	ug/l	99
70) Styrene	10.653	104	202700	20.408	ug/l	99
71) Bromoform	10.799	173	43133	17.248	ug/l #	98
73) Isopropylbenzene	10.963	105	320613	19.964	ug/l	99
74) N-amyl acetate	10.842	43	147186	19.135	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	106092	19.797	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	86884m	18.211	ug/l	
77) Bromobenzene	11.195	156	75545	19.607	ug/l	99
78) n-propylbenzene	11.305	91	377339	20.345	ug/l	99
79) 2-Chlorotoluene	11.366	91	230459	20.119	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	274863	20.405	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	26447	14.996	ug/l	88
82) 4-Chlorotoluene	11.451	91	270502	20.502	ug/l	100
83) tert-Butylbenzene	11.713	119	261642	19.265	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	274306	19.926	ug/l	100
85) sec-Butylbenzene	11.890	105	323817	19.503	ug/l	100
86) p-Isopropyltoluene	12.006	119	269493	19.312	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	146553	19.413	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	149027	19.523	ug/l	99
89) n-Butylbenzene	12.329	91	242708	19.565	ug/l	97
90) Hexachloroethane	12.536	117	42372	16.410	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	147896	20.272	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	21337	17.525	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	89113	19.532	ug/l	100
94) Hexachlorobutadiene	13.725	225	37501	20.403	ug/l	98
95) Naphthalene	13.774	128	335703	21.942	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	97489	21.860	ug/l	100

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

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