

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082123\
 Data File : VX037129.D
 Acq On : 21 Aug 2023 14:31
 Operator : JC/MD
 Sample : VX0821WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821WBSD01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 08/22/2023
 Supervised By : Mahesh Dadoda 08/22/2023

Quant Time: Aug 22 05:56:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	146827	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.769	114	252975	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	233945	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	113299	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	115361	54.498	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 109.000%			
35) Dibromofluoromethane	5.397	113	89965	53.698	ug/l	0.01
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.400%			
50) Toluene-d8	8.653	98	318575	52.421	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 104.840%			
62) 4-Bromofluorobenzene	11.079	95	125922	52.725	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.440%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	33299	19.524	ug/l	99
3) Chloromethane	1.301	50	27969	18.744	ug/l	96
4) Vinyl Chloride	1.374	62	30826	18.980	ug/l	100
5) Bromomethane	1.599	94	14546	17.980	ug/l	95
6) Chloroethane	1.679	64	19608	20.516	ug/l	99
7) Trichlorofluoromethane	1.886	101	53055	19.942	ug/l	100
8) Diethyl Ether	2.136	74	21610	20.994	ug/l	77
9) 1,1,2-Trichlorotrifluo...	2.331	101	29238	18.838	ug/l	97
10) Methyl Iodide	2.453	142	38014	20.152	ug/l	95
11) Tert butyl alcohol	2.971	59	49384	99.455	ug/l #	93
12) 1,1-Dichloroethene	2.319	96	28186	18.648	ug/l	90
13) Acrolein	2.240	56	31790	84.157	ug/l	100
14) Allyl chloride	2.666	41	44680	19.099	ug/l #	93
15) Acrylonitrile	3.069	53	93950	106.006	ug/l	99
16) Acetone	2.386	43	82186	99.246	ug/l #	89
17) Carbon Disulfide	2.514	76	68830	17.903	ug/l	100
18) Methyl Acetate	2.709	43	64500	20.687	ug/l #	88
19) Methyl tert-butyl Ether	3.123	73	119522	20.851	ug/l	97
20) Methylene Chloride	2.794	84	34875	18.832	ug/l	87
21) trans-1,2-Dichloroethene	3.099	96	32928	19.165	ug/l	87
22) Diisopropyl ether	3.770	45	97424	20.294	ug/l #	88
23) Vinyl Acetate	3.727	43	386857	105.160	ug/l #	90
24) 1,1-Dichloroethane	3.617	63	59252	19.682	ug/l	98
25) 2-Butanone	4.568	43	130095	104.337	ug/l #	90
26) 2,2-Dichloropropane	4.483	77	47562	17.691	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	39893	19.695	ug/l	89
28) Bromochloromethane	4.910	49	29010	21.572	ug/l #	79
29) Tetrahydrofuran	5.019	42	81962	103.075	ug/l #	83
30) Chloroform	5.099	83	65628	19.420	ug/l	98
31) Cyclohexane	5.483	56	45040	18.923	ug/l	91
32) 1,1,1-Trichloroethane	5.391	97	57867	19.109	ug/l	97
36) 1,1-Dichloropropene	5.702	75	44383	18.646	ug/l	97
37) Ethyl Acetate	4.727	43	50603	20.812	ug/l #	93
38) Carbon Tetrachloride	5.684	117	49412	19.110	ug/l	99
39) Methylcyclohexane	7.385	83	47769	19.101	ug/l	90
40) Benzene	6.044	78	134131	19.648	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	26234	20.755	ug/l #	87
42) 1,2-Dichloroethane	6.092	62	55252	20.639	ug/l	96
43) Isopropyl Acetate	6.349	43	80628	20.887	ug/l #	92
44) Trichloroethene	7.129	130	36372	18.790	ug/l	97
45) 1,2-Dichloropropane	7.434	63	33805	20.083	ug/l	98
46) Dibromomethane	7.586	93	27553	20.779	ug/l	95
47) Bromodichloromethane	7.824	83	52229	20.564	ug/l	99
48) Methyl methacrylate	7.696	41	39451	20.956	ug/l #	87
49) 1,4-Dioxane	7.665	88	19130	377.312	ug/l #	90
51) 4-Methyl-2-Pentanone	8.574	43	252874	107.879	ug/l	92
52) Toluene	8.720	92	86361	19.147	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	54374	20.106	ug/l	99
54) cis-1,3-Dichloropropene	8.373	75	58434	19.995	ug/l #	87
55) 1,1,2-Trichloroethane	9.153	97	38645	21.041	ug/l	99
56) Ethyl methacrylate	9.122	69	59483	20.676	ug/l	90
57) 1,3-Dichloropropane	9.311	76	63974	20.662	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	146570	106.165	ug/l	92
59) 2-Hexanone	9.433	43	194937	109.069	ug/l	91
60) Dibromochloromethane	9.525	129	40944	20.938	ug/l	99
61) 1,2-Dibromoethane	9.610	107	41616	20.695	ug/l	99
64) Tetrachloroethene	9.275	164	31111	18.229	ug/l	97
65) Chlorobenzene	10.080	112	96211	19.458	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	36885	20.212	ug/l	99
67) Ethyl Benzene	10.195	91	167650	19.269	ug/l	100
68) m/p-Xylenes	10.305	106	129479	38.537	ug/l	98
69) o-Xylene	10.640	106	63804	19.248	ug/l	99
70) Styrene	10.659	104	106691	19.539	ug/l	98
71) Bromoform	10.799	173	28761	21.070	ug/l #	99
73) Isopropylbenzene	10.964	105	162289	19.707	ug/l	99
74) N-amyl acetate	10.842	43	66754	20.862	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	11.214	83	57632	20.780	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	49173m	20.379	ug/l	
77) Bromobenzene	11.201	156	40171	19.973	ug/l	94
78) n-propylbenzene	11.305	91	180201	19.651	ug/l	100
79) 2-Chlorotoluene	11.366	91	115964	19.789	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	137853	20.067	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	16758	19.398	ug/l	90
82) 4-Chlorotoluene	11.457	91	132757	19.626	ug/l	99
83) tert-Butylbenzene	11.713	119	133724	20.411	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	139052	20.028	ug/l	98
85) sec-Butylbenzene	11.890	105	153442	20.052	ug/l	98
86) p-Isopropyltoluene	12.012	119	131760	20.001	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	73854	19.613	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	75458	19.396	ug/l	99
89) n-Butylbenzene	12.329	91	106539	19.507	ug/l	99
90) Hexachloroethane	12.536	117	21807	19.833	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	73589	19.958	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	13517	20.976	ug/l	86
93) 1,2,4-Trichlorobenzene	13.585	180	41079	19.040	ug/l	98
94) Hexachlorobutadiene	13.725	225	16257	19.505	ug/l	98
95) Naphthalene	13.774	128	161309	17.069	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	42343	19.754	ug/l	99

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

