

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082123\
 Data File : VX037127.D
 Acq On : 21 Aug 2023 13:25
 Operator : JC/MD
 Sample : VX0821WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821WBS01

Manual Integrations
 APPROVED

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

Quant Time: Aug 22 05:54:52 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	5.556	168	154388	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	261124	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	241065	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	117556	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	116730	52.445	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.880%			
35) Dibromofluoromethane	5.391	113	92663	53.582	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.160%			
50) Toluene-d8	8.653	98	326596	52.063	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 104.120%			
62) 4-Bromofluorobenzene	11.079	95	126908	51.479	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.960%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	36660	20.442	ug/l	98
3) Chloromethane	1.301	50	29492	18.797	ug/l	94
4) Vinyl Chloride	1.374	62	32608	19.093	ug/l	100
5) Bromomethane	1.599	94	18190	21.383	ug/l	98
6) Chloroethane	1.685	64	21038	20.934	ug/l	98
7) Trichlorofluoromethane	1.886	101	58558	20.932	ug/l	98
8) Diethyl Ether	2.136	74	22620	20.899	ug/l	78
9) 1,1,2-Trichlorotrifluo...	2.331	101	33051	20.252	ug/l	97
10) Methyl Iodide	2.453	142	39537	19.933	ug/l	96
11) Tert butyl alcohol	2.965	59	51991	99.577	ug/l #	91
12) 1,1-Dichloroethene	2.319	96	30407	19.133	ug/l	86
13) Acrolein	2.239	56	33887	85.315	ug/l	100
14) Allyl chloride	2.666	41	49490	20.119	ug/l #	94
15) Acrylonitrile	3.062	53	99583	106.859	ug/l	99
16) Acetone	2.380	43	87884	100.930	ug/l #	88
17) Carbon Disulfide	2.514	76	72841	18.019	ug/l	99
18) Methyl Acetate	2.703	43	68444	20.876	ug/l #	88
19) Methyl tert-butyl Ether	3.117	73	125608	20.839	ug/l	96
20) Methylene Chloride	2.788	84	35165	18.059	ug/l	85
21) trans-1,2-Dichloroethene	3.093	96	34123	18.888	ug/l	88
22) Diisopropyl ether	3.764	45	103645	20.533	ug/l #	91
23) Vinyl Acetate	3.727	43	409391	105.835	ug/l #	91
24) 1,1-Dichloroethane	3.611	63	62716	19.813	ug/l	96
25) 2-Butanone	4.562	43	137132	104.594	ug/l #	89
26) 2,2-Dichloropropane	4.483	77	55199	19.526	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	42182	19.805	ug/l	90
28) Bromochloromethane	4.897	49	29939	21.172	ug/l #	75
29) Tetrahydrofuran	5.007	42	86153	103.039	ug/l #	83
30) Chloroform	5.099	83	71039	19.992	ug/l	98
31) Cyclohexane	5.471	56	49289	19.694	ug/l	88
32) 1,1,1-Trichloroethane	5.385	97	62433	19.607	ug/l	97
36) 1,1-Dichloropropene	5.696	75	47761	19.439	ug/l	97
37) Ethyl Acetate	4.721	43	52633	20.971	ug/l #	93
38) Carbon Tetrachloride	5.678	117	52688	19.741	ug/l	98
39) Methylcyclohexane	7.385	83	53006	20.534	ug/l	90
40) Benzene	6.037	78	142765	20.260	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	27442	21.033	ug/l #	86
42) 1,2-Dichloroethane	6.092	62	58566	21.194	ug/l	96
43) Isopropyl Acetate	6.342	43	86932	21.817	ug/l #	93
44) Trichloroethene	7.129	130	39041	19.539	ug/l	97
45) 1,2-Dichloropropane	7.434	63	35734	20.567	ug/l	97
46) Dibromomethane	7.586	93	30030	21.940	ug/l	95
47) Bromodichloromethane	7.824	83	54794	20.900	ug/l	95
48) Methyl methacrylate	7.696	41	42544	21.894	ug/l #	87
49) 1,4-Dioxane	7.659	88	20629	394.180	ug/l #	88
51) 4-Methyl-2-Pentanone	8.574	43	268142	110.823	ug/l	92
52) Toluene	8.720	92	95954	20.610	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	59245	21.224	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	63134	20.929	ug/l	90
55) 1,1,2-Trichloroethane	9.153	97	41159	21.710	ug/l	98
56) Ethyl methacrylate	9.116	69	63667	21.440	ug/l	88
57) 1,3-Dichloropropane	9.311	76	67893	21.244	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	156564	109.865	ug/l	93
59) 2-Hexanone	9.433	43	206470	111.917	ug/l	91
60) Dibromochloromethane	9.525	129	43343	21.473	ug/l	100
61) 1,2-Dibromoethane	9.610	107	45316	21.832	ug/l	98
64) Tetrachloroethene	9.275	164	34762	19.767	ug/l	98
65) Chlorobenzene	10.079	112	103242	20.263	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	39376	20.940	ug/l	99
67) Ethyl Benzene	10.195	91	181218	20.213	ug/l	100
68) m/p-Xylenes	10.299	106	138396	39.974	ug/l	99
69) o-Xylene	10.640	106	68331	20.004	ug/l	99
70) Styrene	10.659	104	113568	20.184	ug/l	98
71) Bromoform	10.799	173	30100	21.399	ug/l #	100
73) Isopropylbenzene	10.963	105	176750	20.686	ug/l	100
74) N-amyl acetate	10.842	43	72316	21.781	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	61574	21.398	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	52719m	21.058	ug/l	
77) Bromobenzene	11.195	156	43048	20.629	ug/l	92
78) n-propylbenzene	11.305	91	197643	20.773	ug/l	98
79) 2-Chlorotoluene	11.366	91	124533	20.482	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	149297	20.946	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	18502	20.641	ug/l	91
82) 4-Chlorotoluene	11.457	91	143679	20.471	ug/l	100
83) tert-Butylbenzene	11.713	119	140798	20.713	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	150082	20.834	ug/l	99
85) sec-Butylbenzene	11.890	105	165909	20.896	ug/l	99
86) p-Isopropyltoluene	12.006	119	143168	20.946	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	77408	19.813	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	79211	19.624	ug/l	99
89) n-Butylbenzene	12.335	91	116441	20.548	ug/l	99
90) Hexachloroethane	12.536	117	24061	21.091	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	76835	20.084	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	14169	21.191	ug/l	87
93) 1,2,4-Trichlorobenzene	13.585	180	42717	19.083	ug/l	99
94) Hexachlorobutadiene	13.725	225	17526	20.266	ug/l	98
95) Naphthalene	13.774	128	165378	16.866	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	44404	19.966	ug/l	99

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

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