

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU053123\
 Data File : VU054332.D
 Acq On : 31 May 2023 12:40
 Operator : JC/MD
 Sample : VU0531WBS01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0531WBS01

Quant Time: Jun 01 05:13:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052523W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 26 06:40:51 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.369	168	216874	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.243	114	352950	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.414	117	339414	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.806	152	179200	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.694	65	149683	52.650	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	105.300%
35) Dibromofluoromethane	5.282	113	121080	53.271	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.540%
50) Toluene-d8	7.893	98	449290	51.968	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	103.940%
62) 4-Bromofluorobenzene	10.626	95	166313	49.613	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.220%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	50374	20.807	ug/l	98
3) Chloromethane	1.520	50	67189	21.195	ug/l	97
4) Vinyl Chloride	1.604	62	65649	21.704	ug/l	100
5) Bromomethane	1.854	94	36494	21.796	ug/l	95
6) Chloroethane	1.928	64	34564	23.696	ug/l	100
7) Trichlorofluoromethane	2.134	101	84050	20.198	ug/l	98
8) Diethyl Ether	2.372	74	33259	21.590	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.578	101	47493	21.080	ug/l	96
10) Methyl Iodide	2.719	142	51756	20.614	ug/l	96
11) Tert butyl alcohol	3.215	59	81119	105.630	ug/l #	41
12) 1,1-Dichloroethene	2.575	96	46454	19.913	ug/l	96
13) Acrolein	2.485	56	71577	89.593	ug/l	95
14) Allyl chloride	2.919	41	85356	21.103	ug/l	86
15) Acrylonitrile	3.311	53	190489	110.633	ug/l	98
16) Acetone	2.629	43	171677	105.347	ug/l	99
17) Carbon Disulfide	2.790	76	132393	19.203	ug/l	99
18) Methyl Acetate	2.944	43	129645	21.788	ug/l	94
19) Methyl tert-butyl Ether	3.359	73	157764	20.660	ug/l	94
20) Methylene Chloride	3.044	84	58512	19.902	ug/l #	94
21) trans-1,2-Dichloroethene	3.346	96	51048	20.439	ug/l	95
22) Diisopropyl ether	3.983	45	161233	22.490	ug/l	87
23) Vinyl Acetate	3.948	43	576314	110.169	ug/l	97
24) 1,1-Dichloroethane	3.864	63	97328	21.202	ug/l	97
25) 2-Butanone	4.700	43	239941	111.206	ug/l	95
26) 2,2-Dichloropropane	4.658	77	82937	20.674	ug/l	98
27) cis-1,2-Dichloroethene	4.665	96	57003	20.517	ug/l	93
28) Bromochloromethane	4.964	49	45047	21.206	ug/l	82
29) Tetrahydrofuran	5.047	42	149640	110.334	ug/l	92
30) Chloroform	5.083	83	98008	21.003	ug/l	100
31) Cyclohexane	5.382	56	83713	20.853	ug/l	93
32) 1,1,1-Trichloroethane	5.308	97	84238	20.794	ug/l	97
36) 1,1-Dichloropropene	5.520	75	68793	19.270	ug/l	98
37) Ethyl Acetate	4.796	43	85563	19.666	ug/l #	93
38) Carbon Tetrachloride	5.520	117	72547	19.854	ug/l	98
39) Methylcyclohexane	6.758	83	80153	19.822	ug/l	93
40) Benzene	5.767	78	214018	21.017	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.967	41	44122	21.942	ug/l #	90
42) 1,2-Dichloroethane	5.790	62	74825	20.227	ug/l	99
43) Isopropyl Acetate	5.906	43	124735	20.785	ug/l	98
44) Trichloroethene	6.536	130	54708	19.219	ug/l	91
45) 1,2-Dichloropropane	6.787	63	57702	21.721	ug/l	100
46) Dibromomethane	6.912	93	40983	20.959	ug/l	93
47) Bromodichloromethane	7.099	83	75662	20.690	ug/l	96
48) Methyl methacrylate	6.954	41	56033	21.054	ug/l	94
49) 1,4-Dioxane	6.993	88	33776	439.603	ug/l #	1
51) 4-Methyl-2-Pentanone	7.783	43	428181	106.914	ug/l	99
52) Toluene	7.964	92	130600	20.114	ug/l	99
53) t-1,3-Dichloropropene	8.205	75	84696	20.244	ug/l	98
54) cis-1,3-Dichloropropene	7.600	75	87542	20.050	ug/l	98
55) 1,1,2-Trichloroethane	8.394	97	57082	21.213	ug/l	98
56) Ethyl methacrylate	8.327	69	81026	20.229	ug/l	93
57) 1,3-Dichloropropane	8.568	76	96840	20.898	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.459	63	16102	62.700	ug/l	98
59) 2-Hexanone	8.681	43	333140	105.301	ug/l	99
60) Dibromochloromethane	8.803	129	55840	20.425	ug/l	99
61) 1,2-Dibromoethane	8.918	107	59547	20.333	ug/l	100
64) Tetrachloroethene	8.549	164	50833	19.899	ug/l	97
65) Chlorobenzene	9.443	112	138538	19.525	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.526	131	51824	20.133	ug/l	99
67) Ethyl Benzene	9.565	91	240220	19.802	ug/l	98
68) m/p-Xylenes	9.687	106	184051	40.027	ug/l	92
69) o-Xylene	10.095	106	90449	20.320	ug/l	93
70) Styrene	10.108	104	149225	20.215	ug/l	98
71) Bromoform	10.285	173	43517	19.454	ug/l #	98
73) Isopropylbenzene	10.478	105	231283	20.840	ug/l	98
74) N-amyl acetate	10.314	43	101677	21.577	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.777	83	97909	21.803	ug/l	99
76) 1,2,3-Trichloropropane	10.819	75	109643	20.964	ug/l	99
77) Bromobenzene	10.777	156	62475	20.500	ug/l	90
78) n-propylbenzene	10.899	91	281893	20.735	ug/l	97
79) 2-Chlorotoluene	10.980	91	169710	20.619	ug/l	96
80) 1,3,5-Trimethylbenzene	11.082	105	196707	20.842	ug/l	98
81) trans-1,4-Dichloro-2-b...	10.539	75	26681	19.426	ug/l	94
82) 4-Chlorotoluene	11.092	91	200296	20.740	ug/l	95
83) tert-Butylbenzene	11.414	119	194278	20.585	ug/l	96
84) 1,2,4-Trimethylbenzene	11.462	105	194863	20.753	ug/l	99
85) sec-Butylbenzene	11.639	105	247359	20.655	ug/l	99
86) p-Isopropyltoluene	11.787	119	201429	19.998	ug/l	98
87) 1,3-Dichlorobenzene	11.742	146	116026	19.662	ug/l	98
88) 1,4-Dichlorobenzene	11.832	146	118685	19.252	ug/l	98
89) n-Butylbenzene	12.201	91	174922	18.449	ug/l	98
90) Hexachloroethane	12.468	117	36171	20.299	ug/l	88
91) 1,2-Dichlorobenzene	12.208	146	119263	20.544	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.992	75	22968	22.426	ug/l	84
93) 1,2,4-Trichlorobenzene	13.835	180	74137	19.039	ug/l	99
94) Hexachlorobutadiene	14.015	225	36492	19.610	ug/l	99
95) Naphthalene	14.079	128	232174	18.811	ug/l	99
96) 1,2,3-Trichlorobenzene	14.323	180	74755	19.100	ug/l	98

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

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