

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU053123\
 Data File : VU054358.D
 Acq On : 31 May 2023 23:43
 Operator : JC/MD
 Sample : VU0531WBSD02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0531WBSD02

Quant Time: Jun 01 06:13:20 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	219174	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.244	114	366654	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.411	117	356685	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.806	152	188836	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.697	65	151247	52.642	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 105.280%	
35) Dibromofluoromethane	5.282	113	122174	51.743	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.480%	
50) Toluene-d8	7.893	98	455796	50.750	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.500%	
62) 4-Bromofluorobenzene	10.626	95	168021	48.249	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 96.500%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.385	85	48191	19.696	ug/l	98
3) Chloromethane	1.520	50	66057	20.619	ug/l	95
4) Vinyl Chloride	1.604	62	64594	21.132	ug/l	98
5) Bromomethane	1.851	94	31905	18.855	ug/l	98
6) Chloroethane	1.925	64	36632	24.850	ug/l	95
7) Trichlorofluoromethane	2.131	101	81980	19.494	ug/l	98
8) Diethyl Ether	2.372	74	33131	21.281	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.575	101	46239	20.308	ug/l	95
10) Methyl Iodide	2.720	142	53452	21.015	ug/l	97
11) Tert butyl alcohol	3.205	59	80662	103.933	ug/l #	50
12) 1,1-Dichloroethene	2.575	96	45987	19.506	ug/l	92
13) Acrolein	2.485	56	62904	77.911	ug/l	100
14) Allyl chloride	2.919	41	82941	20.290	ug/l #	87
15) Acrylonitrile	3.308	53	186502	107.181	ug/l	98
16) Acetone	2.630	43	154975	94.100	ug/l	98
17) Carbon Disulfide	2.787	76	129855	18.638	ug/l	100
18) Methyl Acetate	2.945	43	133730	22.239	ug/l	94
19) Methyl tert-butyl Ether	3.359	73	161460	20.922	ug/l	100
20) Methylene Chloride	3.041	84	59922	20.168	ug/l	90
21) trans-1,2-Dichloroethene	3.347	96	51794	20.520	ug/l	98
22) Diisopropyl ether	3.983	45	160836	22.200	ug/l	85
23) Vinyl Acetate	3.948	43	571391	108.082	ug/l	97
24) 1,1-Dichloroethane	3.861	63	99520	21.452	ug/l	98
25) 2-Butanone	4.700	43	231755	106.284	ug/l	97
26) 2,2-Dichloropropane	4.658	77	62006	15.294	ug/l	98
27) cis-1,2-Dichloroethene	4.662	96	57777	20.577	ug/l	96
28) Bromochloromethane	4.967	49	50163	23.367	ug/l	84
29) Tetrahydrofuran	5.047	42	151746	110.713	ug/l	91
30) Chloroform	5.083	83	96571	20.478	ug/l	98
31) Cyclohexane	5.382	56	82626	20.367	ug/l	98
32) 1,1,1-Trichloroethane	5.311	97	82582	20.171	ug/l	99
36) 1,1-Dichloropropene	5.520	75	68096	18.362	ug/l	97
37) Ethyl Acetate	4.797	43	87497	19.359	ug/l #	92
38) Carbon Tetrachloride	5.517	117	70612	18.602	ug/l	98
39) Methylcyclohexane	6.758	83	77403	18.427	ug/l	92
40) Benzene	5.768	78	213852	20.216	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.967	41	42714	20.448	ug/l	97
42) 1,2-Dichloroethane	5.787	62	75523	19.653	ug/l	97
43) Isopropyl Acetate	5.906	43	125626	20.151	ug/l	98
44) Trichloroethene	6.536	130	56231	19.016	ug/l	93
45) 1,2-Dichloropropane	6.784	63	56316	20.407	ug/l	99
46) Dibromomethane	6.912	93	39914	19.649	ug/l	96
47) Bromodichloromethane	7.099	83	74045	19.491	ug/l	97
48) Methyl methacrylate	6.957	41	58400	21.123	ug/l	92
49) 1,4-Dioxane	6.989	88	34295	429.675	ug/l #	1
51) 4-Methyl-2-Pentanone	7.784	43	437103	105.063	ug/l	98
52) Toluene	7.964	92	130372	19.328	ug/l	99
53) t-1,3-Dichloropropene	8.205	75	80730	18.575	ug/l	99
54) cis-1,3-Dichloropropene	7.600	75	87335	19.255	ug/l	96
55) 1,1,2-Trichloroethane	8.395	97	56433	20.188	ug/l	98
56) Ethyl methacrylate	8.327	69	82389	19.800	ug/l	95
57) 1,3-Dichloropropane	8.568	76	96500	20.046	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.459	63	26062	97.691	ug/l	95
59) 2-Hexanone	8.681	43	340317	103.549	ug/l	99
60) Dibromochloromethane	8.803	129	55927	19.692	ug/l	99
61) 1,2-Dibromoethane	8.919	107	60626	19.928	ug/l	98
64) Tetrachloroethene	8.549	164	50656	18.870	ug/l	96
65) Chlorobenzene	9.443	112	139310	18.683	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.530	131	51705	19.114	ug/l	99
67) Ethyl Benzene	9.565	91	239566	18.792	ug/l	98
68) m/p-Xylenes	9.690	106	184629	38.208	ug/l	94
69) o-Xylene	10.095	106	91299	19.518	ug/l	95
70) Styrene	10.108	104	150480	19.398	ug/l	98
71) Bromoform	10.285	173	44689	19.011	ug/l #	99
73) Isopropylbenzene	10.478	105	234704	20.069	ug/l	97
74) N-amyl acetate	10.314	43	103387	20.820	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.777	83	98768	20.872	ug/l	100
76) 1,2,3-Trichloropropane	10.819	75	108727	19.728	ug/l	100
77) Bromobenzene	10.777	156	63429	19.751	ug/l	92
78) n-propylbenzene	10.899	91	283022	19.756	ug/l	97
79) 2-Chlorotoluene	10.980	91	174170	20.081	ug/l	93
80) 1,3,5-Trimethylbenzene	11.083	105	196286	19.736	ug/l	98
81) trans-1,4-Dichloro-2-b...	10.539	75	25193	17.407	ug/l	95
82) 4-Chlorotoluene	11.092	91	200297	19.682	ug/l	96
83) tert-Butylbenzene	11.414	119	192924	19.399	ug/l	95
84) 1,2,4-Trimethylbenzene	11.462	105	199852	20.198	ug/l	96
85) sec-Butylbenzene	11.639	105	248744	19.711	ug/l	99
86) p-Isopropyltoluene	11.787	119	199176	18.765	ug/l	98
87) 1,3-Dichlorobenzene	11.742	146	119003	19.138	ug/l	99
88) 1,4-Dichlorobenzene	11.832	146	121361	18.682	ug/l	96
89) n-Butylbenzene	12.201	91	176549	17.671	ug/l	98
90) Hexachloroethane	12.468	117	35324	18.812	ug/l	93
91) 1,2-Dichlorobenzene	12.208	146	118997	19.453	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.989	75	22520	20.867	ug/l	89
93) 1,2,4-Trichlorobenzene	13.835	180	78581	19.141	ug/l	98
94) Hexachlorobutadiene	14.015	225	35583	18.207	ug/l	99
95) Naphthalene	14.082	128	256707	19.639	ug/l	100
96) 1,2,3-Trichlorobenzene	14.324	180	80579	19.509	ug/l	98

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

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