

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU053023\
 Data File : VU054305.D
 Acq On : 30 May 2023 11:25
 Operator : JC/MD
 Sample : VU0530WBSD01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0530WBSD01

Quant Time: May 31 06:23:30 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	221148	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.243	114	361913	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.411	117	342950	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.806	152	188739	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.694	65	152958	52.762	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 105.520%	
35) Dibromofluoromethane	5.285	113	123201	52.861	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.720%	
50) Toluene-d8	7.893	98	463677	52.304	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 104.600%	
62) 4-Bromofluorobenzene	10.626	95	173903	50.592	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 101.180%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	53177	21.540	ug/l	97
3) Chloromethane	1.520	50	69681	21.556	ug/l	96
4) Vinyl Chloride	1.604	62	69426	22.510	ug/l	99
5) Bromomethane	1.855	94	35680	20.898	ug/l	100
6) Chloroethane	1.928	64	37553	25.247	ug/l	99
7) Trichlorofluoromethane	2.134	101	88185	20.783	ug/l	99
8) Diethyl Ether	2.372	74	33868	21.560	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.578	101	49018	21.336	ug/l	96
10) Methyl Iodide	2.719	142	53418	20.837	ug/l	98
11) Tert butyl alcohol	3.205	59	81052	103.503	ug/l #	40
12) 1,1-Dichloroethene	2.578	96	48577	20.421	ug/l	93
13) Acrolein	2.485	56	77412	95.025	ug/l	96
14) Allyl chloride	2.919	41	91478	22.179	ug/l	86
15) Acrylonitrile	3.311	53	191206	108.903	ug/l	99
16) Acetone	2.629	43	171526	103.220	ug/l	99
17) Carbon Disulfide	2.790	76	143846	20.461	ug/l	98
18) Methyl Acetate	2.945	43	132464	21.832	ug/l	94
19) Methyl tert-butyl Ether	3.356	73	168030	21.579	ug/l	100
20) Methylene Chloride	3.041	84	60784	20.275	ug/l	94
21) trans-1,2-Dichloroethene	3.346	96	53683	21.079	ug/l	97
22) Diisopropyl ether	3.983	45	168789	23.089	ug/l	84
23) Vinyl Acetate	3.948	43	607977	113.976	ug/l	97
24) 1,1-Dichloroethane	3.864	63	104148	22.249	ug/l	99
25) 2-Butanone	4.700	43	244290	111.033	ug/l	95
26) 2,2-Dichloropropane	4.658	77	87688	21.436	ug/l	98
27) cis-1,2-Dichloroethene	4.662	96	62829	22.177	ug/l	95
28) Bromochloromethane	4.967	49	48373	22.332	ug/l	85
29) Tetrahydrofuran	5.047	42	157513	113.895	ug/l	91
30) Chloroform	5.083	83	102682	21.580	ug/l	99
31) Cyclohexane	5.382	56	86295	21.081	ug/l	96
32) 1,1,1-Trichloroethane	5.308	97	89579	21.685	ug/l	98
36) 1,1-Dichloropropene	5.520	75	75423	20.604	ug/l	94
37) Ethyl Acetate	4.800	43	90844	20.363	ug/l	95
38) Carbon Tetrachloride	5.520	117	76920	20.529	ug/l	97
39) Methylcyclohexane	6.758	83	84789	20.449	ug/l	94
40) Benzene	5.768	78	225475	21.594	ug/l	99

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41) Methacrylonitrile	4.967	41	46272	22.442	ug/l	91
42) 1,2-Dichloroethane	5.787	62	80586	21.245	ug/l	99
43) Isopropyl Acetate	5.906	43	131259	21.330	ug/l	98
44) Trichloroethene	6.536	130	59555	20.404	ug/l	91
45) 1,2-Dichloropropane	6.784	63	60914	22.362	ug/l	97
46) Dibromomethane	6.912	93	42178	21.036	ug/l	96
47) Bromodichloromethane	7.099	83	79787	21.278	ug/l	100
48) Methyl methacrylate	6.954	41	59401	21.767	ug/l	94
49) 1,4-Dioxane	6.993	88	32373	410.908	ug/l #	1
51) 4-Methyl-2-Pentanone	7.784	43	442559	107.768	ug/l	99
52) Toluene	7.964	92	138967	20.872	ug/l	98
53) t-1,3-Dichloropropene	8.205	75	91548	21.340	ug/l	99
54) cis-1,3-Dichloropropene	7.600	75	95983	21.439	ug/l	98
55) 1,1,2-Trichloroethane	8.394	97	58808	21.313	ug/l	98
56) Ethyl methacrylate	8.327	69	87152	21.219	ug/l	96
57) 1,3-Dichloropropane	8.568	76	99973	21.039	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.459	63	15625	59.336	ug/l	97
59) 2-Hexanone	8.677	43	349908	107.862	ug/l	97
60) Dibromochloromethane	8.803	129	61734	22.022	ug/l	99
61) 1,2-Dibromoethane	8.919	107	64759	21.565	ug/l	98
64) Tetrachloroethene	8.549	164	54536	21.129	ug/l	94
65) Chlorobenzene	9.443	112	149137	20.802	ug/l	97
66) 1,1,1,2-Tetrachloroethane	9.526	131	54658	21.015	ug/l	100
67) Ethyl Benzene	9.565	91	254048	20.726	ug/l	98
68) m/p-Xylenes	9.690	106	196789	42.356	ug/l	94
69) o-Xylene	10.095	106	93751	20.845	ug/l	90
70) Styrene	10.108	104	161427	21.643	ug/l	97
71) Bromoform	10.285	173	48920	21.644	ug/l #	100
73) Isopropylbenzene	10.478	105	251212	21.492	ug/l	97
74) N-amyl acetate	10.314	43	110366	22.237	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.777	83	101142	21.384	ug/l	98
76) 1,2,3-Trichloropropane	10.819	75	118534	21.518	ug/l	97
77) Bromobenzene	10.777	156	67841	21.135	ug/l	91
78) n-propylbenzene	10.899	91	308845	21.569	ug/l	97
79) 2-Chlorotoluene	10.980	91	181257	20.909	ug/l	96
80) 1,3,5-Trimethylbenzene	11.082	105	214181	21.547	ug/l	98
81) trans-1,4-Dichloro-2-b...	10.539	75	30164	20.852	ug/l	97
82) 4-Chlorotoluene	11.092	91	213147	20.955	ug/l	97
83) tert-Butylbenzene	11.414	119	204387	20.562	ug/l	94
84) 1,2,4-Trimethylbenzene	11.462	105	208791	21.112	ug/l	97
85) sec-Butylbenzene	11.639	105	267473	21.206	ug/l	99
86) p-Isopropyltoluene	11.787	119	221562	20.885	ug/l	98
87) 1,3-Dichlorobenzene	11.738	146	125950	20.265	ug/l	98
88) 1,4-Dichlorobenzene	11.832	146	129684	19.973	ug/l	97
89) n-Butylbenzene	12.201	91	198277	19.856	ug/l	99
90) Hexachloroethane	12.468	117	39894	21.257	ug/l	90
91) 1,2-Dichlorobenzene	12.208	146	127400	20.837	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.992	75	23298	21.599	ug/l	89
93) 1,2,4-Trichlorobenzene	13.835	180	85134	20.610	ug/l	99
94) Hexachlorobutadiene	14.015	225	40107	20.428	ug/l	99
95) Naphthalene	14.079	128	272894	20.761	ug/l	100
96) 1,2,3-Trichlorobenzene	14.323	180	85452	20.623	ug/l	98

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

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