

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112221\
 Data File : VU045909.D
 Acq On : 22 Nov 2021 13:24
 Operator : SY/MD
 Sample : VU1122WBSD01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1122WBSD01

Quant Time: Nov 23 05:13:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U110521W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 05 13:35:16 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.375	168	105586	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	180134	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	177447	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	91994	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	80966	51.203	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	102.400%
35) Dibromofluoromethane	5.292	113	63486	52.788	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.580%
50) Toluene-d8	7.899	98	240578	53.796	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	107.600%
62) 4-Bromofluorobenzene	10.636	95	91347	50.938	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.880%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	28203	20.602	ug/l	98
3) Chloromethane	1.520	50	26712	17.054	ug/l	99
4) Vinyl Chloride	1.607	62	28871	18.922	ug/l	99
5) Bromomethane	1.861	94	18128	21.301	ug/l	99
6) Chloroethane	1.938	64	17252	17.325	ug/l	97
7) Trichlorofluoromethane	2.141	101	39666	19.659	ug/l	97
8) Diethyl Ether	2.379	74	14965	18.737	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.584	101	23326	19.799	ug/l	97
10) Methyl Iodide	2.729	142	18785	12.184	ug/l	91
11) Tert butyl alcohol	3.250	59	28251	90.263	ug/l #	84
12) 1,1-Dichloroethene	2.584	96	22760	19.593	ug/l	93
13) Acrolein	2.494	56	5216	115.003	ug/l	93
14) Allyl chloride	2.928	41	37430	18.046	ug/l	96
15) Acrylonitrile	3.324	53	83935	100.444	ug/l	99
16) Acetone	2.649	43	91051	113.115	ug/l	96
17) Carbon Disulfide	2.797	76	63003	19.363	ug/l	99
18) Methyl Acetate	2.957	43	50239	18.324	ug/l	99
19) Methyl tert-butyl Ether	3.366	73	79994	19.131	ug/l	96
20) Methylene Chloride	3.051	84	26986	19.294	ug/l	98
21) trans-1,2-Dichloroethene	3.356	96	24572	20.333	ug/l	93
22) Diisopropyl ether	3.996	45	75827	18.618	ug/l	95
23) Vinyl Acetate	3.961	43	300782	96.024	ug/l	98
24) 1,1-Dichloroethane	3.874	63	47453	19.553	ug/l	99
25) 2-Butanone	4.716	43	113725	101.865	ug/l	98
26) 2,2-Dichloropropane	4.671	77	40020	19.900	ug/l	100
27) cis-1,2-Dichloroethene	4.671	96	28798	20.289	ug/l	97
28) Bromochloromethane	4.980	49	28539	24.666	ug/l	93
29) Tetrahydrofuran	5.060	42	66247	97.008	ug/l	98
30) Chloroform	5.092	83	47201	19.665	ug/l	100
31) Cyclohexane	5.391	56	42199	18.290	ug/l	92
32) 1,1,1-Trichloroethane	5.321	97	41645	20.346	ug/l	96
36) 1,1-Dichloropropene	5.530	75	35159	20.017	ug/l	98
37) Ethyl Acetate	4.806	43	39912	19.781	ug/l	98
38) Carbon Tetrachloride	5.526	117	35607	20.108	ug/l	99
39) Methylcyclohexane	6.768	83	40188	18.650	ug/l	92
40) Benzene	5.777	78	101253	19.471	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.977	41	20854	19.558	ug/l	95
42) 1,2-Dichloroethane	5.797	62	37010	19.703	ug/l	97
43) Isopropyl Acetate	5.912	43	58303	18.892	ug/l	98
44) Trichloroethene	6.546	130	27449	22.052	ug/l	95
45) 1,2-Dichloropropane	6.793	63	27710	20.138	ug/l	98
46) Dibromomethane	6.919	93	19670	20.632	ug/l	99
47) Bromodichloromethane	7.108	83	37524	20.743	ug/l	97
48) Methyl methacrylate	6.960	41	26517	18.668	ug/l	95
49) 1,4-Dioxane	7.038	88	13437	367.849	ug/l #	45
51) 4-Methyl-2-Pentanone	7.793	43	196113	96.334	ug/l	100
52) Toluene	7.970	92	65863	20.688	ug/l	100
53) t-1,3-Dichloropropene	8.211	75	40794	19.622	ug/l	98
54) cis-1,3-Dichloropropene	7.610	75	44342	20.080	ug/l	94
55) 1,1,2-Trichloroethane	8.401	97	26888	20.378	ug/l	98
56) Ethyl methacrylate	8.333	69	38861	18.048	ug/l	93
57) 1,3-Dichloropropane	8.578	76	46546	19.586	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.465	63	127780	105.190	ug/l	97
59) 2-Hexanone	8.684	43	151595	90.536	ug/l	100
60) Dibromochloromethane	8.812	129	28713	20.898	ug/l	97
61) 1,2-Dibromoethane	8.925	107	28733	20.304	ug/l	97
64) Tetrachloroethene	8.555	164	25544	25.081	ug/l	97
65) Chlorobenzene	9.449	112	68447	19.638	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.536	131	24089	19.378	ug/l	97
67) Ethyl Benzene	9.571	91	121544	19.472	ug/l	99
68) m/p-Xylenes	9.697	106	96515	41.000	ug/l	99
69) o-Xylene	10.102	106	45416	19.844	ug/l	99
70) Styrene	10.115	104	77219	19.944	ug/l	99
71) Bromoform	10.292	173	21054	19.876	ug/l #	99
73) Isopropylbenzene	10.488	105	122097	20.313	ug/l	99
74) N-amyl acetate	10.320	43	42452	15.656	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.783	83	44376	18.634	ug/l	98
76) 1,2,3-Trichloropropane	10.825	75	49809	17.854	ug/l	90
77) Bromobenzene	10.783	156	29646	20.314	ug/l	95
78) n-propylbenzene	10.909	91	148223	19.813	ug/l	99
79) 2-Chlorotoluene	10.989	91	86765	19.631	ug/l	97
80) 1,3,5-Trimethylbenzene	11.089	105	103439	19.696	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.546	75	11828	16.050	ug/l	99
82) 4-Chlorotoluene	11.099	91	105356	20.325	ug/l	98
83) tert-Butylbenzene	11.423	119	95036	18.984	ug/l	100
84) 1,2,4-Trimethylbenzene	11.468	105	105187	20.153	ug/l	99
85) sec-Butylbenzene	11.645	105	129344	19.481	ug/l	99
86) p-Isopropyltoluene	11.793	119	108009	19.467	ug/l	99
87) 1,3-Dichlorobenzene	11.748	146	57553	19.546	ug/l	98
88) 1,4-Dichlorobenzene	11.838	146	60277	20.240	ug/l	99
89) n-Butylbenzene	12.211	91	98968	18.518	ug/l	99
90) Hexachloroethane	12.478	117	15830	15.816	ug/l	94
91) 1,2-Dichlorobenzene	12.214	146	57326	20.011	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.996	75	9434	16.789	ug/l	94
93) 1,2,4-Trichlorobenzene	13.841	180	37398	18.880	ug/l	98
94) Hexachlorobutadiene	14.021	225	16520	19.321	ug/l	98
95) Naphthalene	14.086	128	128537	17.935	ug/l	99
96) 1,2,3-Trichlorobenzene	14.330	180	38958	19.801	ug/l	99

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

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