

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102221\
 Data File : VU045370.D
 Acq On : 22 Oct 2021 17:22
 Operator : SY/MD
 Sample : VU1022WBSD01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1022WBSD01

Manual Integrations
 APPROVED

MMDadoda
 10/25/2021 10:26:55 AM

Quant Time: Oct 23 01:13:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 12:32:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.375	168	190374	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	357604	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	327214	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	151220	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	168417	53.145	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.280%			
35) Dibromofluoromethane	5.292	113	120695	53.502	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.000%			
50) Toluene-d8	7.899	98	466386	52.324	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 104.640%			
62) 4-Bromofluorobenzene	10.636	95	176458	47.952	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 95.900%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.385	85	52437	22.243	ug/l	99
3) Chloromethane	1.520	50	61834	20.250	ug/l	97
4) Vinyl Chloride	1.604	62	61662	20.224	ug/l	100
5) Bromomethane	1.851	94	29485	24.653	ug/l	100
6) Chloroethane	1.922	64	20313	8.672	ug/l	98
7) Trichlorofluoromethane	2.125	101	75764	18.816	ug/l	100
8) Diethyl Ether	2.379	74	35277	19.117	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.575	101	43715	19.090	ug/l	99
10) Methyl Iodide	2.720	142	59913	24.513	ug/l	96
11) Tert butyl alcohol	3.208	59	25241	27.752	ug/l	97
12) 1,1-Dichloroethene	2.575	96	44128	19.551	ug/l	95
13) Acrolein	2.494	56	48940	275.647	ug/l	97
14) Allyl chloride	2.922	41	82783	19.818	ug/l	98
15) Acrylonitrile	3.321	53	176721	96.343	ug/l	99
16) Acetone	2.639	43	151129	80.342	ug/l	99
17) Carbon Disulfide	2.787	76	120161	18.034	ug/l	99
18) Methyl Acetate	2.954	43	119018	21.648	ug/l	98
19) Methyl tert-butyl Ether	3.369	73	175010	20.086	ug/l	99
20) Methylene Chloride	3.044	84	55940	19.744	ug/l	94
21) trans-1,2-Dichloroethene	3.353	96	46837	18.969	ug/l	96
22) Diisopropyl ether	3.996	45	168030	19.703	ug/l	97
23) Vinyl Acetate	3.957	43	660026	95.161	ug/l	98
24) 1,1-Dichloroethane	3.871	63	95515	19.510	ug/l	100
25) 2-Butanone	4.713	43	237475	88.857	ug/l	98
26) 2,2-Dichloropropane	4.668	77	73298	17.709	ug/l	98
27) cis-1,2-Dichloroethene	4.668	96	56071	19.227	ug/l	96
28) Bromochloromethane	4.977	49	33556	16.537	ug/l	94
29) Tetrahydrofuran	5.057	42	155477	97.728	ug/l	96
30) Chloroform	5.092	83	94098	19.070	ug/l	99
31) Cyclohexane	5.388	56	92374	19.190	ug/l	95
32) 1,1,1-Trichloroethane	5.321	97	79045	19.415	ug/l	99
36) 1,1-Dichloropropene	5.526	75	68497	18.316	ug/l	98
37) Ethyl Acetate	4.806	43	94847	19.168	ug/l	99
38) Carbon Tetrachloride	5.526	117	61324	18.950	ug/l	100
39) Methylcyclohexane	6.764	83	86543	18.851	ug/l	96
40) Benzene	5.777	78	207979	18.673	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.977	41	46825	18.382	ug/l	96
42) 1,2-Dichloroethane	5.797	62	79517	18.164	ug/l	100
43) Isopropyl Acetate	5.916	43	135516	18.205	ug/l	98
44) Trichloroethene	6.546	130	47557	18.110	ug/l	99
45) 1,2-Dichloropropane	6.793	63	54807	18.560	ug/l	97
46) Dibromomethane	6.922	93	37005	18.602	ug/l	100
47) Bromodichloromethane	7.108	83	71211	18.437	ug/l	99
48) Methyl methacrylate	6.964	41	65300	18.022	ug/l	97
49) 1,4-Dioxane	7.012	88	34174	344.030	ug/l #	80
51) 4-Methyl-2-Pentanone	7.803	43	472668	87.218	ug/l	98
52) Toluene	7.973	92	129231	18.538	ug/l	99
53) t-1,3-Dichloropropene	8.214	75	79532	18.006	ug/l	97
54) cis-1,3-Dichloropropene	7.610	75	87268	18.968	ug/l	98
55) 1,1,2-Trichloroethane	8.404	97	53779	18.515	ug/l	99
56) Ethyl methacrylate	8.340	69	90610	17.302	ug/l	96
57) 1,3-Dichloropropane	8.578	76	93959	18.126	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.469	63	173169	109.532	ug/l	98
59) 2-Hexanone	8.697	43	369323	83.686	ug/l	98
60) Dibromochloromethane	8.816	129	50395	17.827	ug/l	98
61) 1,2-Dibromoethane	8.928	107	56077	18.163	ug/l	99
64) Tetrachloroethene	8.555	164	38267	17.918	ug/l	96
65) Chlorobenzene	9.449	112	128886	18.787	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.539	131	46135	19.262	ug/l	99
67) Ethyl Benzene	9.575	91	240237	19.030	ug/l	100
68) m/p-Xylenes	9.697	106	182512	37.214	ug/l	99
69) o-Xylene	10.105	106	90988	18.693	ug/l	99
70) Styrene	10.118	104	148420	18.176	ug/l	99
71) Bromoform	10.298	173	36137	16.504	ug/l #	100
73) Isopropylbenzene	10.488	105	235224	20.888	ug/l	100
74) N-amyl acetate	10.327	43	117907	20.794	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.787	83	95913	19.684	ug/l	99
76) 1,2,3-Trichloropropane	10.829	75	88306m	20.020	ug/l	
77) Bromobenzene	10.787	156	53631	19.723	ug/l	99
78) n-propylbenzene	10.909	91	276315	20.135	ug/l	100
79) 2-Chlorotoluene	10.989	91	169493	19.704	ug/l	100
80) 1,3,5-Trimethylbenzene	11.092	105	200923	20.367	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.552	75	29969	18.856	ug/l	97
82) 4-Chlorotoluene	11.099	91	189789	19.520	ug/l	100
83) tert-Butylbenzene	11.423	119	195124	20.335	ug/l	99
84) 1,2,4-Trimethylbenzene	11.472	105	198334	20.321	ug/l	100
85) sec-Butylbenzene	11.645	105	248438	20.105	ug/l	100
86) p-Isopropyltoluene	11.796	119	199848	20.105	ug/l	99
87) 1,3-Dichlorobenzene	11.748	146	99883	19.181	ug/l	99
88) 1,4-Dichlorobenzene	11.841	146	99497	18.678	ug/l	98
89) n-Butylbenzene	12.211	91	177880	19.429	ug/l	99
90) Hexachloroethane	12.478	117	36574	20.376	ug/l	96
91) 1,2-Dichlorobenzene	12.218	146	100841	18.944	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.999	75	22806	19.837	ug/l	99
93) 1,2,4-Trichlorobenzene	13.844	180	57940	19.531	ug/l	98
94) Hexachlorobutadiene	14.025	225	23859	19.266	ug/l	97
95) Naphthalene	14.089	128	230851	20.690	ug/l	100
96) 1,2,3-Trichlorobenzene	14.333	180	61800	20.743	ug/l	100

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

