

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110221\
 Data File : VU045492.D
 Acq On : 01 Nov 2021 17:22
 Operator : SY/MD
 Sample : VU1102WBSD01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1102WBSD01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 11/02/2021
 Supervised By :Semsettin Yesilyurt 11/09/2021

Quant Time: Nov 02 07:34:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U102821W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 29 11:09:42 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.378	168	195540	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	358211	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	341743	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	167972	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	157756	49.555	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 99.120%			
35) Dibromofluoromethane	5.295	113	113889	50.002	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.000%			
50) Toluene-d8	7.902	98	454781	50.918	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.840%			
62) 4-Bromofluorobenzene	10.635	95	173717	51.041	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.080%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	56800	20.057	ug/l	99
3) Chloromethane	1.523	50	75100	19.301	ug/l	100
4) Vinyl Chloride	1.607	62	65561	20.297	ug/l	99
5) Bromomethane	1.861	94	41447	21.137	ug/l	97
6) Chloroethane	1.935	64	41049	21.093	ug/l	99
7) Trichlorofluoromethane	2.141	101	74754	20.670	ug/l	98
8) Diethyl Ether	2.378	74	35021	20.886	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.584	101	45101	20.757	ug/l	97
10) Methyl Iodide	2.729	142	30829	21.308	ug/l	99
11) Tert butyl alcohol	3.208	59	77123	112.235	ug/l	99
12) 1,1-Dichloroethene	2.584	96	46455	20.794	ug/l	98
13) Acrolein	2.491	56	11161	72.571	ug/l	97
14) Allyl chloride	2.928	41	86844	21.170	ug/l	99
15) Acrylonitrile	3.321	53	173063	103.879	ug/l	99
16) Acetone	2.639	43	175817	121.652	ug/l	98
17) Carbon Disulfide	2.796	76	133320	20.506	ug/l	99
18) Methyl Acetate	2.954	43	110921	20.610	ug/l	100
19) Methyl tert-butyl Ether	3.366	73	169200	20.585	ug/l	100
20) Methylene Chloride	3.050	84	56901	19.758	ug/l	98
21) trans-1,2-Dichloroethene	3.359	96	50052	20.791	ug/l	98
22) Diisopropyl ether	3.996	45	170295	21.229	ug/l	99
23) Vinyl Acetate	3.960	43	652910	104.927	ug/l	100
24) 1,1-Dichloroethane	3.877	63	97704	20.785	ug/l	99
25) 2-Butanone	4.710	43	242490	111.143	ug/l	99
26) 2,2-Dichloropropane	4.671	77	80025	21.975	ug/l	100
27) cis-1,2-Dichloroethene	4.671	96	57657	20.813	ug/l	97
28) Bromochloromethane	4.980	49	48431	20.887	ug/l	98
29) Tetrahydrofuran	5.057	42	147178	104.019	ug/l	100
30) Chloroform	5.092	83	96027	21.068	ug/l	99
31) Cyclohexane	5.391	56	97884	20.652	ug/l	98
32) 1,1,1-Trichloroethane	5.320	97	79346	21.211	ug/l	100
36) 1,1-Dichloropropene	5.529	75	73108	21.440	ug/l	99
37) Ethyl Acetate	4.806	43	85629	20.735	ug/l	99
38) Carbon Tetrachloride	5.529	117	61698	20.747	ug/l	98
39) Methylcyclohexane	6.767	83	90156	21.261	ug/l	99
40) Benzene	5.777	78	216610	21.103	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.976	41	46846	21.435	ug/l	99
42) 1,2-Dichloroethane	5.800	62	79792	21.166	ug/l	100
43) Isopropyl Acetate	5.912	43	130203	20.921	ug/l	99
44) Trichloroethene	6.545	130	51131	21.492	ug/l	99
45) 1,2-Dichloropropane	6.793	63	56880	21.056	ug/l	98
46) Dibromomethane	6.922	93	37327	21.222	ug/l	98
47) Bromodichloromethane	7.108	83	73130	21.126	ug/l	96
48) Methyl methacrylate	6.963	41	61344	20.796	ug/l	98
49) 1,4-Dioxane	6.999	88	33504	446.911	ug/l #	98
51) 4-Methyl-2-Pentanone	7.793	43	428752	106.589	ug/l	100
52) Toluene	7.973	92	135408	21.701	ug/l	99
53) t-1,3-Dichloropropene	8.214	75	84444	21.403	ug/l	98
54) cis-1,3-Dichloropropene	7.610	75	91558	21.669	ug/l	99
55) 1,1,2-Trichloroethane	8.404	97	52867	20.743	ug/l	97
56) Ethyl methacrylate	8.336	69	86313	19.541	ug/l	99
57) 1,3-Dichloropropane	8.578	76	95244	21.052	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.465	63	225796	96.652	ug/l	99
59) 2-Hexanone	8.687	43	338588	108.642	ug/l	99
60) Dibromochloromethane	8.812	129	50189	20.518	ug/l	97
61) 1,2-Dibromoethane	8.925	107	56373	21.116	ug/l	100
64) Tetrachloroethene	8.558	164	41429	21.208	ug/l	98
65) Chlorobenzene	9.449	112	135708	20.944	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.536	131	45235	20.692	ug/l	99
67) Ethyl Benzene	9.571	91	250816	21.132	ug/l	100
68) m/p-Xylenes	9.696	106	192311	42.924	ug/l	100
69) o-Xylene	10.102	106	93132	21.318	ug/l	100
70) Styrene	10.118	104	158525	20.218	ug/l	99
71) Bromoform	10.295	173	36057	19.497	ug/l #	98
73) Isopropylbenzene	10.487	105	243026	21.457	ug/l	100
74) N-amyl acetate	10.320	43	106709	18.900	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.786	83	92733	20.629	ug/l	98
76) 1,2,3-Trichloropropane	10.828	75	80295m	17.941	ug/l	
77) Bromobenzene	10.783	156	57029	21.580	ug/l	100
78) n-propylbenzene	10.909	91	300737	21.901	ug/l	99
79) 2-Chlorotoluene	10.989	91	178230	21.564	ug/l	100
80) 1,3,5-Trimethylbenzene	11.089	105	207064	21.727	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.549	75	28793	19.719	ug/l	98
82) 4-Chlorotoluene	11.098	91	207653	22.093	ug/l	100
83) tert-Butylbenzene	11.423	119	198030	21.526	ug/l	99
84) 1,2,4-Trimethylbenzene	11.471	105	205808	21.552	ug/l	98
85) sec-Butylbenzene	11.645	105	262666	21.758	ug/l	100
86) p-Isopropyltoluene	11.796	119	216150	20.323	ug/l	99
87) 1,3-Dichlorobenzene	11.748	146	109815	21.051	ug/l	99
88) 1,4-Dichlorobenzene	11.838	146	111431	20.889	ug/l	99
89) n-Butylbenzene	12.211	91	208120	20.447	ug/l	100
90) Hexachloroethane	12.478	117	34886	20.246	ug/l	99
91) 1,2-Dichlorobenzene	12.214	146	109389	20.966	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.999	75	22413	20.759	ug/l	98
93) 1,2,4-Trichlorobenzene	13.844	180	75126	21.501	ug/l	100
94) Hexachlorobutadiene	14.024	225	27466	21.590	ug/l	99
95) Naphthalene	14.089	128	276515	20.077	ug/l	100
96) 1,2,3-Trichlorobenzene	14.333	180	75411	21.412	ug/l	99

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

