

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110221\
 Data File : VU045491.D
 Acq On : 01 Nov 2021 17:00
 Operator : SY/MD
 Sample : VU1102WBS01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1102WBS01

Manual Integrations
 APPROVED

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

Quant Time: Nov 02 07:33:35 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	5.379	168	193926	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	360245	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	339722	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	166981	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	157742	49.963	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 99.920%			
35) Dibromofluoromethane	5.295	113	115766	50.539	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.080%			
50) Toluene-d8	7.903	98	457373	50.919	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.840%			
62) 4-Bromofluorobenzene	10.636	95	172310	50.342	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.680%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.385	85	54750	19.504	ug/l	99
3) Chloromethane	1.520	50	74106	19.204	ug/l	98
4) Vinyl Chloride	1.604	62	65503	20.447	ug/l	99
5) Bromomethane	1.858	94	40333	20.740	ug/l	99
6) Chloroethane	1.935	64	40167	20.811	ug/l	97
7) Trichlorofluoromethane	2.141	101	74224	20.694	ug/l	99
8) Diethyl Ether	2.379	74	34349	20.656	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.584	101	45123	20.940	ug/l	99
10) Methyl Iodide	2.726	142	29500	20.888	ug/l	99
11) Tert butyl alcohol	3.208	59	76256	111.897	ug/l	99
12) 1,1-Dichloroethene	2.584	96	45290	20.442	ug/l	98
13) Acrolein	2.491	56	10906	71.503	ug/l	94
14) Allyl chloride	2.928	41	83019	20.406	ug/l	100
15) Acrylonitrile	3.321	53	171497	103.796	ug/l	99
16) Acetone	2.639	43	175330	122.325	ug/l	99
17) Carbon Disulfide	2.797	76	129944	20.154	ug/l	100
18) Methyl Acetate	2.954	43	108938	20.410	ug/l	100
19) Methyl tert-butyl Ether	3.366	73	166411	20.414	ug/l	99
20) Methylene Chloride	3.051	84	55439	19.411	ug/l	98
21) trans-1,2-Dichloroethene	3.359	96	49034	20.537	ug/l	98
22) Diisopropyl ether	3.996	45	167280	21.026	ug/l	99
23) Vinyl Acetate	3.961	43	635513	102.981	ug/l	100
24) 1,1-Dichloroethane	3.874	63	95641	20.515	ug/l	99
25) 2-Butanone	4.710	43	238877	110.398	ug/l	98
26) 2,2-Dichloropropane	4.671	77	77246	21.388	ug/l	100
27) cis-1,2-Dichloroethene	4.671	96	57512	20.933	ug/l	99
28) Bromochloromethane	4.977	49	47436	20.629	ug/l	100
29) Tetrahydrofuran	5.057	42	146207	104.192	ug/l	99
30) Chloroform	5.092	83	93657	20.719	ug/l	100
31) Cyclohexane	5.391	56	94500	20.104	ug/l	98
32) 1,1,1-Trichloroethane	5.321	97	76452	20.608	ug/l	99
36) 1,1-Dichloropropene	5.530	75	71698	20.908	ug/l	99
37) Ethyl Acetate	4.806	43	84880	20.438	ug/l	99
38) Carbon Tetrachloride	5.530	117	61041	20.410	ug/l	95
39) Methylcyclohexane	6.768	83	86805	20.356	ug/l	98
40) Benzene	5.777	78	212109	20.548	ug/l	99

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41) Methacrylonitrile	4.977	41	45678	20.782	ug/l	99
42) 1,2-Dichloroethane	5.797	62	77569	20.460	ug/l	99
43) Isopropyl Acetate	5.912	43	128767	20.574	ug/l	100
44) Trichloroethene	6.546	130	49849	20.835	ug/l	100
45) 1,2-Dichloropropane	6.793	63	55771	20.529	ug/l	99
46) Dibromomethane	6.922	93	36850	20.832	ug/l	98
47) Bromodichloromethane	7.108	83	72054	20.698	ug/l	99
48) Methyl methacrylate	6.964	41	60375	20.352	ug/l	100
49) 1,4-Dioxane	6.999	88	35306	468.288	ug/l #	99
51) 4-Methyl-2-Pentanone	7.793	43	420954	104.060	ug/l	100
52) Toluene	7.973	92	131511	20.958	ug/l	99
53) t-1,3-Dichloropropene	8.214	75	81856	20.630	ug/l	100
54) cis-1,3-Dichloropropene	7.610	75	88388	20.801	ug/l	99
55) 1,1,2-Trichloroethane	8.404	97	52269	20.392	ug/l	99
56) Ethyl methacrylate	8.337	69	84529	19.072	ug/l	99
57) 1,3-Dichloropropane	8.578	76	93511	20.552	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.465	63	216546	92.169	ug/l	99
59) 2-Hexanone	8.684	43	331931	105.904	ug/l	100
60) Dibromochloromethane	8.812	129	49670	20.192	ug/l	98
61) 1,2-Dibromoethane	8.928	107	54680	20.367	ug/l	99
64) Tetrachloroethene	8.555	164	39853	20.522	ug/l	99
65) Chlorobenzene	9.449	112	131327	20.389	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.536	131	44187	20.333	ug/l	99
67) Ethyl Benzene	9.575	91	243245	20.616	ug/l	99
68) m/p-Xylenes	9.697	106	187156	42.022	ug/l	100
69) o-Xylene	10.102	106	89869	20.693	ug/l	100
70) Styrene	10.118	104	152375	19.581	ug/l	99
71) Bromoform	10.291	173	34997	19.083	ug/l #	99
73) Isopropylbenzene	10.488	105	232638	20.662	ug/l	100
74) N-amyl acetate	10.320	43	103920	18.539	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.787	83	89750	20.084	ug/l	99
76) 1,2,3-Trichloropropane	10.828	75	78918m	17.738	ug/l	
77) Bromobenzene	10.783	156	54572	20.773	ug/l	98
78) n-propylbenzene	10.909	91	290279	21.265	ug/l	100
79) 2-Chlorotoluene	10.989	91	172561	21.002	ug/l	100
80) 1,3,5-Trimethylbenzene	11.089	105	201344	21.252	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.549	75	28321	19.540	ug/l	98
82) 4-Chlorotoluene	11.099	91	197546	21.143	ug/l	99
83) tert-Butylbenzene	11.423	119	189580	20.730	ug/l	99
84) 1,2,4-Trimethylbenzene	11.468	105	199612	21.027	ug/l	99
85) sec-Butylbenzene	11.645	105	253654	21.136	ug/l	99
86) p-Isopropyltoluene	11.796	119	207006	19.585	ug/l	99
87) 1,3-Dichlorobenzene	11.748	146	105957	20.432	ug/l	99
88) 1,4-Dichlorobenzene	11.838	146	107671	20.304	ug/l	98
89) n-Butylbenzene	12.211	91	198132	19.621	ug/l	99
90) Hexachloroethane	12.478	117	33359	19.474	ug/l	97
91) 1,2-Dichlorobenzene	12.214	146	104740	20.194	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.999	75	21408	19.945	ug/l	99
93) 1,2,4-Trichlorobenzene	13.841	180	70704	20.356	ug/l	99
94) Hexachlorobutadiene	14.024	225	25640	20.274	ug/l	99
95) Naphthalene	14.089	128	263633	19.260	ug/l	99
96) 1,2,3-Trichlorobenzene	14.333	180	71819	20.513	ug/l	99

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

