

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110421\
 Data File : VU045532.D
 Acq On : 03 Nov 2021 20:10
 Operator : SY/MD
 Sample : VU1103WBS01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1103WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/05/2021
 Supervised By : Mahesh Dadoda 11/05/2021

Quant Time: Nov 05 13:47:40 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	168862	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	330998	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	323969	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	153135	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	129181	46.990	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.980%		
35) Dibromofluoromethane	5.295	113	95736	45.488	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.980%		
50) Toluene-d8	7.899	98	429378	52.026	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	104.060%		
62) 4-Bromofluorobenzene	10.636	95	161325	51.297	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.600%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.388	85	50364	20.584	ug/l	96
3) Chloromethane	1.520	50	67597	20.117	ug/l	100
4) Vinyl Chloride	1.607	62	61931	22.202	ug/l	97
5) Bromomethane	1.861	94	29759	17.574	ug/l	99
6) Chloroethane	1.938	64	25066	14.915	ug/l	100
7) Trichlorofluoromethane	2.144	101	45213	14.477	ug/l	99
8) Diethyl Ether	2.382	74	21600	14.917	ug/l	82
9) 1,1,2-Trichlorotrifluo...	2.588	101	40596	21.636	ug/l	98
10) Methyl Iodide	2.729	142	21803	19.144	ug/l	99
11) Tert butyl alcohol	3.224	59	64222	108.226	ug/l	98
12) 1,1-Dichloroethene	2.584	96	41408	21.464	ug/l	95
13) Acrolein	2.494	56	10070	75.821	ug/l	99
14) Allyl chloride	2.928	41	80162	22.628	ug/l	99
15) Acrylonitrile	3.321	53	160678	111.682	ug/l	99
16) Acetone	2.645	43	145079	116.243	ug/l	95
17) Carbon Disulfide	2.800	76	123562	22.008	ug/l	100
18) Methyl Acetate	2.954	43	101514	21.842	ug/l	100
19) Methyl tert-butyl Ether	3.366	73	154462	21.761	ug/l	99
20) Methylene Chloride	3.054	84	53774	21.622	ug/l	97
21) trans-1,2-Dichloroethene	3.359	96	47109	22.660	ug/l	94
22) Diisopropyl ether	3.996	45	143440	20.706	ug/l	97
23) Vinyl Acetate	3.961	43	524699	97.645	ug/l	98
24) 1,1-Dichloroethane	3.877	63	84237	20.751	ug/l	100
25) 2-Butanone	4.713	43	114431	60.735	ug/l #	87
26) 2,2-Dichloropropane	4.671	77	44999	14.309	ug/l	95
27) cis-1,2-Dichloroethene	4.671	96	36948	15.445	ug/l	89
28) Bromochloromethane	4.980	49	27874	13.921	ug/l #	77
29) Tetrahydrofuran	5.060	42	100070	81.898	ug/l	92
30) Chloroform	5.096	83	73818	18.754	ug/l	100
31) Cyclohexane	5.395	56	74979	18.319	ug/l	95
32) 1,1,1-Trichloroethane	5.321	97	63460	19.645	ug/l	97
36) 1,1-Dichloropropene	5.530	75	56379	17.893	ug/l	98
37) Ethyl Acetate	4.806	43	41952	10.994	ug/l #	93
38) Carbon Tetrachloride	5.530	117	50155	18.252	ug/l	95
39) Methylcyclohexane	6.768	83	77748	19.843	ug/l	95
40) Benzene	5.777	78	186322	19.645	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.980	41	26683	13.213	ug/l	91
42) 1,2-Dichloroethane	5.800	62	62711	18.002	ug/l	97
43) Isopropyl Acetate	5.912	43	109272	19.001	ug/l	97
44) Trichloroethene	6.546	130	46537	21.170	ug/l	99
45) 1,2-Dichloropropane	6.793	63	51578	20.663	ug/l	96
46) Dibromomethane	6.922	93	33711	20.742	ug/l	97
47) Bromodichloromethane	7.108	83	64375	20.126	ug/l	95
48) Methyl methacrylate	6.964	41	52888	19.403	ug/l	97
49) 1,4-Dioxane	7.012	88	31223	450.726	ug/l #	100
51) 4-Methyl-2-Pentanone	7.793	43	386898	104.092	ug/l	100
52) Toluene	7.973	92	127008	22.028	ug/l	99
53) t-1,3-Dichloropropene	8.214	75	75835	20.801	ug/l	100
54) cis-1,3-Dichloropropene	7.610	75	82346	21.091	ug/l	97
55) 1,1,2-Trichloroethane	8.404	97	50848	21.591	ug/l	98
56) Ethyl methacrylate	8.337	69	80265	19.655	ug/l	98
57) 1,3-Dichloropropane	8.578	76	89604	21.434	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.465	63	171007	79.217	ug/l	100
59) 2-Hexanone	8.687	43	299172	103.886	ug/l	99
60) Dibromochloromethane	8.812	129	47001	20.795	ug/l	99
61) 1,2-Dibromoethane	8.925	107	52033	21.093	ug/l	98
64) Tetrachloroethene	8.558	164	37573	20.289	ug/l	98
65) Chlorobenzene	9.449	112	125603	20.448	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.536	131	42466	20.491	ug/l	100
67) Ethyl Benzene	9.571	91	229008	20.353	ug/l	100
68) m/p-Xylenes	9.697	106	178122	41.938	ug/l	99
69) o-Xylene	10.102	106	85760	20.707	ug/l	99
70) Styrene	10.118	104	146092	19.682	ug/l	99
71) Bromoform	10.295	173	33558	19.177	ug/l #	98
73) Isopropylbenzene	10.488	105	223042	21.601	ug/l	100
74) N-amyl acetate	10.320	43	95094	18.500	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.783	83	87106	21.255	ug/l	99
76) 1,2,3-Trichloropropane	10.825	75	71179m	17.445	ug/l	
77) Bromobenzene	10.783	156	51717	21.466	ug/l	98
78) n-propylbenzene	10.909	91	271568	21.693	ug/l	99
79) 2-Chlorotoluene	10.989	91	164017	21.767	ug/l	100
80) 1,3,5-Trimethylbenzene	11.089	105	189530	21.814	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.549	75	25579	19.285	ug/l	100
82) 4-Chlorotoluene	11.099	91	186056	21.714	ug/l	99
83) tert-Butylbenzene	11.423	119	179819	21.441	ug/l	99
84) 1,2,4-Trimethylbenzene	11.468	105	188568	21.660	ug/l	99
85) sec-Butylbenzene	11.645	105	237789	21.606	ug/l	99
86) p-Isopropyltoluene	11.796	119	189969	19.598	ug/l	99
87) 1,3-Dichlorobenzene	11.748	146	97957	20.597	ug/l	99
88) 1,4-Dichlorobenzene	11.838	146	99407	20.441	ug/l	99
89) n-Butylbenzene	12.211	91	169727	18.390	ug/l	99
90) Hexachloroethane	12.478	117	31277	19.910	ug/l	100
91) 1,2-Dichlorobenzene	12.214	146	97843	20.570	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.999	75	18414	18.707	ug/l	98
93) 1,2,4-Trichlorobenzene	13.841	180	60762	19.075	ug/l	100
94) Hexachlorobutadiene	14.021	225	22979	19.813	ug/l	98
95) Naphthalene	14.089	128	235712	18.779	ug/l	100
96) 1,2,3-Trichlorobenzene	14.330	180	64428	20.066	ug/l	99

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

