

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111021\
 Data File : VU045705.D
 Acq On : 10 Nov 2021 22:41
 Operator : SY/MD
 Sample : VU1110WBS02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1110WBS02

Quant Time: Nov 11 02:34:01 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

Manual Integrations APPROVED

Reviewed By : John Carlone 11/11/2021
 Supervised By : Mahesh Dadoda 11/15/2021

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

Internal Standards						
1) Pentafluorobenzene	5.375	168	113411	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	208333	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	204419	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	103842	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	93530	55.068	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 110.140%			
35) Dibromofluoromethane	5.292	113	72014	51.774	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.540%			
50) Toluene-d8	7.899	98	271700	52.531	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.060%			
62) 4-Bromofluorobenzene	10.636	95	104178	50.230	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.460%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	28846	19.617	ug/l	98
3) Chloromethane	1.520	50	31924	18.975	ug/l	97
4) Vinyl Chloride	1.604	62	33221	20.270	ug/l	100
5) Bromomethane	1.851	94	21437	23.451	ug/l	100
6) Chloroethane	1.932	64	20773	19.422	ug/l	99
7) Trichlorofluoromethane	2.137	101	44589	20.574	ug/l	98
8) Diethyl Ether	2.379	74	17734	20.672	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.581	101	25411	20.080	ug/l	97
10) Methyl Iodide	2.723	142	25181	15.205	ug/l	92
11) Tert butyl alcohol	3.176	59	38831	115.507	ug/l	100
12) 1,1-Dichloroethene	2.581	96	24957	20.002	ug/l	96
13) Acrolein	2.485	56	5035	103.352	ug/l	97
14) Allyl chloride	2.925	41	44393	19.926	ug/l	98
15) Acrylonitrile	3.314	53	97528	108.658	ug/l	99
16) Acetone	2.626	43	78384	90.659	ug/l	97
17) Carbon Disulfide	2.793	76	62543	17.896	ug/l	100
18) Methyl Acetate	2.948	43	63341	21.509	ug/l	100
19) Methyl tert-butyl Ether	3.366	73	93117	20.733	ug/l	99
20) Methylene Chloride	3.047	84	30835	20.525	ug/l	95
21) trans-1,2-Dichloroethene	3.356	96	26637	20.521	ug/l	97
22) Diisopropyl ether	3.996	45	92076	21.048	ug/l	95
23) Vinyl Acetate	3.957	43	357308	106.200	ug/l	100
24) 1,1-Dichloroethane	3.874	63	55277	21.205	ug/l	98
25) 2-Butanone	4.703	43	128198	106.906	ug/l	100
26) 2,2-Dichloropropane	4.668	77	39379	18.230	ug/l	99
27) cis-1,2-Dichloroethene	4.671	96	32641	21.409	ug/l	98
28) Bromochloromethane	4.977	49	23667	19.044	ug/l	95
29) Tetrahydrofuran	5.051	42	82202	112.067	ug/l	100
30) Chloroform	5.092	83	55984	21.715	ug/l	97
31) Cyclohexane	5.391	56	48601	19.611	ug/l	95
32) 1,1,1-Trichloroethane	5.321	97	46304	21.061	ug/l	99
36) 1,1-Dichloropropene	5.530	75	38748	19.075	ug/l	99
37) Ethyl Acetate	4.806	43	47833	20.498	ug/l	98
38) Carbon Tetrachloride	5.526	117	39870	19.468	ug/l	98
39) Methylcyclohexane	6.764	83	44645	17.914	ug/l	98
40) Benzene	5.777	78	118170	19.648	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.977	41	25691	20.833	ug/l	98
42) 1,2-Dichloroethane	5.796	62	44330	20.406	ug/l	99
43) Isopropyl Acetate	5.912	43	71060	19.909	ug/l	99
44) Trichloroethene	6.546	130	30088	20.900	ug/l	100
45) 1,2-Dichloropropane	6.793	63	33563	21.091	ug/l	96
46) Dibromomethane	6.922	93	22293	20.218	ug/l	98
47) Bromodichloromethane	7.108	83	43622	20.850	ug/l	99
48) Methyl methacrylate	6.960	41	33248	20.239	ug/l	98
49) 1,4-Dioxane	6.964	88	18270	432.458	ug/l #	95
51) 4-Methyl-2-Pentanone	7.793	43	245527	104.283	ug/l	99
52) Toluene	7.970	92	74786	20.311	ug/l	100
53) t-1,3-Dichloropropene	8.211	75	44567	18.535	ug/l	99
54) cis-1,3-Dichloropropene	7.610	75	49391	19.339	ug/l	97
55) 1,1,2-Trichloroethane	8.401	97	31648	20.739	ug/l	99
56) Ethyl methacrylate	8.333	69	46984	18.757	ug/l	97
57) 1,3-Dichloropropane	8.578	76	55165	20.071	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.465	63	115852	82.462	ug/l	99
59) 2-Hexanone	8.684	43	185648	95.422	ug/l	98
60) Dibromochloromethane	8.812	129	31720	19.962	ug/l	97
61) 1,2-Dibromoethane	8.925	107	32723	19.993	ug/l	100
64) Tetrachloroethene	8.555	164	25482	21.719	ug/l	95
65) Chlorobenzene	9.449	112	77073	19.195	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.536	131	27675	19.325	ug/l	100
67) Ethyl Benzene	9.571	91	139021	19.333	ug/l	99
68) m/p-Xylenes	9.697	106	106928	39.430	ug/l	100
69) o-Xylene	10.102	106	52176	19.790	ug/l	100
70) Styrene	10.115	104	87647	19.650	ug/l	99
71) Bromoform	10.295	173	22552	18.698	ug/l #	98
73) Isopropylbenzene	10.488	105	138914	20.474	ug/l	100
74) N-amyl acetate	10.320	43	56094	18.326	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.783	83	54583	20.305	ug/l	100
76) 1,2,3-Trichloropropane	10.825	75	43442m	13.795	ug/l	
77) Bromobenzene	10.783	156	32721	19.863	ug/l	99
78) n-propylbenzene	10.909	91	165323	19.577	ug/l	98
79) 2-Chlorotoluene	10.989	91	100575	20.159	ug/l	98
80) 1,3,5-Trimethylbenzene	11.092	105	118587	20.004	ug/l	98
81) trans-1,4-Dichloro-2-b...	10.549	75	14270	16.949	ug/l	98
82) 4-Chlorotoluene	11.099	91	116396	19.893	ug/l	99
83) tert-Butylbenzene	11.423	119	110421	19.540	ug/l	99
84) 1,2,4-Trimethylbenzene	11.471	105	118570	20.125	ug/l	100
85) sec-Butylbenzene	11.645	105	148838	19.860	ug/l	99
86) p-Isopropyltoluene	11.796	119	122126	19.500	ug/l	99
87) 1,3-Dichlorobenzene	11.748	146	64014	19.259	ug/l	99
88) 1,4-Dichlorobenzene	11.838	146	65332	19.435	ug/l	98
89) n-Butylbenzene	12.211	91	110315	18.286	ug/l	98
90) Hexachloroethane	12.478	117	20056	17.752	ug/l	100
91) 1,2-Dichlorobenzene	12.214	146	63623	19.675	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.999	75	11742	18.512	ug/l	98
93) 1,2,4-Trichlorobenzene	13.841	180	40523	18.124	ug/l	98
94) Hexachlorobutadiene	14.024	225	16571	17.169	ug/l	98
95) Naphthalene	14.089	128	147503	18.216	ug/l	100
96) 1,2,3-Trichlorobenzene	14.330	180	42860	19.299	ug/l	99

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

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