

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110821\
 Data File : VU045633.D
 Acq On : 08 Nov 2021 22:50
 Operator : SY/MD
 Sample : VU1108WBS02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1108WBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/09/2021
 Supervised By : Mahesh Dadoda 11/15/2021

Quant Time: Nov 09 10:06:31 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

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

Internal Standards						
1) Pentafluorobenzene	5.375	168	141297	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	256494	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	245441	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.813	152	124195	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	110695	52.311	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.620%			
35) Dibromofluoromethane	5.292	113	86078	50.265	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.540%			
50) Toluene-d8	7.899	98	323013	50.726	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.460%			
62) 4-Bromofluorobenzene	10.636	95	127302	49.855	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.700%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	35642	19.455	ug/l	99
3) Chloromethane	1.524	50	39588	18.886	ug/l	99
4) Vinyl Chloride	1.604	62	41758	20.451	ug/l	100
5) Bromomethane	1.851	94	26374	23.158	ug/l	98
6) Chloroethane	1.932	64	24925	18.705	ug/l	100
7) Trichlorofluoromethane	2.141	101	53645	19.868	ug/l	97
8) Diethyl Ether	2.379	74	22634	21.177	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.581	101	31275	19.836	ug/l	96
10) Methyl Iodide	2.723	142	33440	16.207	ug/l	93
11) Tert butyl alcohol	3.176	59	47061	112.360	ug/l	98
12) 1,1-Dichloroethene	2.581	96	31112	20.014	ug/l	94
13) Acrolein	2.485	56	7257	119.564	ug/l	99
14) Allyl chloride	2.925	41	54824	19.751	ug/l	98
15) Acrylonitrile	3.314	53	114538	102.425	ug/l	99
16) Acetone	2.626	43	92440	85.816	ug/l	98
17) Carbon Disulfide	2.794	76	80235	18.427	ug/l	99
18) Methyl Acetate	2.948	43	74690	20.357	ug/l	99
19) Methyl tert-butyl Ether	3.366	73	116155	20.758	ug/l	100
20) Methylene Chloride	3.048	84	38342	20.485	ug/l	98
21) trans-1,2-Dichloroethene	3.356	96	33986	21.015	ug/l	95
22) Diisopropyl ether	3.996	45	114583	21.024	ug/l	98
23) Vinyl Acetate	3.958	43	439612	104.875	ug/l	100
24) 1,1-Dichloroethane	3.874	63	67183	20.686	ug/l	99
25) 2-Butanone	4.703	43	151699	101.537	ug/l	99
26) 2,2-Dichloropropane	4.668	77	47215	17.544	ug/l	99
27) cis-1,2-Dichloroethene	4.671	96	41086	21.630	ug/l	95
28) Bromochloromethane	4.977	49	29548	19.083	ug/l	96
29) Tetrahydrofuran	5.051	42	97090	106.241	ug/l	99
30) Chloroform	5.093	83	66707	20.768	ug/l	100
31) Cyclohexane	5.392	56	60386	19.558	ug/l	97
32) 1,1,1-Trichloroethane	5.321	97	56871	20.762	ug/l	99
36) 1,1-Dichloropropene	5.530	75	48661	19.457	ug/l	98
37) Ethyl Acetate	4.806	43	57252	19.928	ug/l	98
38) Carbon Tetrachloride	5.527	117	48402	19.196	ug/l	99
39) Methylcyclohexane	6.764	83	56183	18.311	ug/l	98
40) Benzene	5.777	78	145478	19.647	ug/l	98

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41) Methacrylonitrile	4.974	41	32123	21.158	ug/l	99
42) 1,2-Dichloroethane	5.797	62	54195	20.263	ug/l	99
43) Isopropyl Acetate	5.912	43	87426	19.895	ug/l	98
44) Trichloroethene	6.546	130	35844	20.223	ug/l	97
45) 1,2-Dichloropropane	6.793	63	39151	19.983	ug/l	97
46) Dibromomethane	6.919	93	27524	20.275	ug/l	97
47) Bromodichloromethane	7.109	83	51169	19.865	ug/l	92
48) Methyl methacrylate	6.961	41	39423	19.492	ug/l	96
49) 1,4-Dioxane	6.964	88	21745	418.067	ug/l #	97
51) 4-Methyl-2-Pentanone	7.793	43	293967	101.413	ug/l	99
52) Toluene	7.970	92	92760	20.462	ug/l	99
53) t-1,3-Dichloropropene	8.211	75	56549	19.102	ug/l	98
54) cis-1,3-Dichloropropene	7.610	75	60756	19.322	ug/l	97
55) 1,1,2-Trichloroethane	8.401	97	38127	20.293	ug/l	99
56) Ethyl methacrylate	8.334	69	59491	19.222	ug/l	98
57) 1,3-Dichloropropane	8.578	76	67500	19.947	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.465	63	127894	73.940	ug/l	98
59) 2-Hexanone	8.684	43	224388	93.816	ug/l	99
60) Dibromochloromethane	8.813	129	39129	20.001	ug/l	100
61) 1,2-Dibromoethane	8.925	107	40293	19.996	ug/l	99
64) Tetrachloroethene	8.555	164	29511	20.949	ug/l	97
65) Chlorobenzene	9.449	112	97452	20.214	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.536	131	34933	20.316	ug/l	97
67) Ethyl Benzene	9.571	91	174418	20.202	ug/l	100
68) m/p-Xylenes	9.697	106	134649	41.353	ug/l	100
69) o-Xylene	10.102	106	65192	20.594	ug/l	99
70) Styrene	10.115	104	110478	20.629	ug/l	99
71) Bromoform	10.292	173	28837	19.712	ug/l #	99
73) Isopropylbenzene	10.485	105	173521	21.383	ug/l	99
74) N-amyl acetate	10.321	43	73574	20.098	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.784	83	65280	20.304	ug/l	100
76) 1,2,3-Trichloropropane	10.825	75	63031m	16.736	ug/l	
77) Bromobenzene	10.784	156	41113	20.867	ug/l	97
78) n-propylbenzene	10.909	91	208468	20.641	ug/l	99
79) 2-Chlorotoluene	10.989	91	125093	20.964	ug/l	98
80) 1,3,5-Trimethylbenzene	11.089	105	149176	21.040	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.549	75	18536	18.150	ug/l	99
82) 4-Chlorotoluene	11.099	91	144663	20.673	ug/l	98
83) tert-Butylbenzene	11.423	119	141253	20.900	ug/l	97
84) 1,2,4-Trimethylbenzene	11.468	105	148378	21.057	ug/l	100
85) sec-Butylbenzene	11.645	105	184511	20.585	ug/l	99
86) p-Isopropyltoluene	11.796	119	151435	20.218	ug/l	100
87) 1,3-Dichlorobenzene	11.748	146	79315	19.952	ug/l	99
88) 1,4-Dichlorobenzene	11.838	146	81047	20.158	ug/l	99
89) n-Butylbenzene	12.211	91	136103	18.863	ug/l	99
90) Hexachloroethane	12.478	117	26096	19.313	ug/l	98
91) 1,2-Dichlorobenzene	12.214	146	77789	20.113	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.999	75	15090	19.891	ug/l	96
93) 1,2,4-Trichlorobenzene	13.841	180	50678	18.951	ug/l	96
94) Hexachlorobutadiene	14.025	225	19457	16.856	ug/l	98
95) Naphthalene	14.089	128	191001	19.637	ug/l	99
96) 1,2,3-Trichlorobenzene	14.330	180	53366	20.092	ug/l	100

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

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