

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110521\
 Data File : VU045578.D
 Acq On : 05 Nov 2021 23:28
 Operator : SY/MD
 Sample : VU1105WBS02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1105WBS02

Quant Time: Nov 06 21:48:48 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 11/08/2021
 Supervised By : Mahesh Dadoda 11/08/2021

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

Internal Standards						
1) Pentafluorobenzene	5.378	168	132717	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	236205	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	232829	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	117847	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	106040	53.351	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.700%			
35) Dibromofluoromethane	5.292	113	81470	51.661	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.320%			
50) Toluene-d8	7.899	98	308364	52.585	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.160%			
62) 4-Bromofluorobenzene	10.632	95	118682	50.471	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.940%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	36317	21.105	ug/l	99
3) Chloromethane	1.523	50	40755	20.700	ug/l	99
4) Vinyl Chloride	1.607	62	41161	21.462	ug/l	100
5) Bromomethane	1.851	94	25826	24.142	ug/l	98
6) Chloroethane	1.935	64	25692	20.527	ug/l	98
7) Trichlorofluoromethane	2.141	101	53056	20.920	ug/l	100
8) Diethyl Ether	2.379	74	21408	21.325	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.584	101	30478	20.581	ug/l	97
10) Methyl Iodide	2.726	142	36453	18.810	ug/l	94
11) Tert butyl alcohol	3.173	59	45501	115.659	ug/l	99
12) 1,1-Dichloroethene	2.581	96	29602	20.274	ug/l	99
13) Acrolein	2.485	56	7325	128.486	ug/l	100
14) Allyl chloride	2.925	41	54884	21.051	ug/l	99
15) Acrylonitrile	3.314	53	113072	107.651	ug/l	99
16) Acetone	2.626	43	92654	91.575	ug/l	100
17) Carbon Disulfide	2.797	76	82355	20.137	ug/l	100
18) Methyl Acetate	2.948	43	75836	22.006	ug/l	100
19) Methyl tert-butyl Ether	3.366	73	111232	21.163	ug/l	100
20) Methylene Chloride	3.051	84	36106	20.538	ug/l	96
21) trans-1,2-Dichloroethene	3.356	96	32986	21.715	ug/l	100
22) Diisopropyl ether	3.996	45	113198	22.113	ug/l	96
23) Vinyl Acetate	3.957	43	421384	107.026	ug/l	100
24) 1,1-Dichloroethane	3.874	63	66171	21.691	ug/l	99
25) 2-Butanone	4.700	43	148325	105.697	ug/l	100
26) 2,2-Dichloropropane	4.668	77	48213	19.073	ug/l	99
27) cis-1,2-Dichloroethene	4.671	96	38058	21.331	ug/l	99
28) Bromochloromethane	4.977	49	29982	20.616	ug/l	95
29) Tetrahydrofuran	5.050	42	94211	109.755	ug/l	99
30) Chloroform	5.092	83	65087	21.573	ug/l	95
31) Cyclohexane	5.391	56	59855	20.639	ug/l	98
32) 1,1,1-Trichloroethane	5.321	97	55698	21.649	ug/l	97
36) 1,1-Dichloropropene	5.530	75	48161	20.911	ug/l	99
37) Ethyl Acetate	4.806	43	55083	20.820	ug/l	99
38) Carbon Tetrachloride	5.526	117	46880	20.190	ug/l	99
39) Methylcyclohexane	6.767	83	56719	20.074	ug/l	96
40) Benzene	5.777	78	141055	20.686	ug/l	99

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41) Methacrylonitrile	4.973	41	30438	21.770	ug/l	99
42) 1,2-Dichloroethane	5.796	62	52300	21.234	ug/l	99
43) Isopropyl Acetate	5.912	43	84401	20.857	ug/l	100
44) Trichloroethene	6.546	130	33971	20.813	ug/l	96
45) 1,2-Dichloropropane	6.793	63	38470	21.322	ug/l	98
46) Dibromomethane	6.922	93	26176	20.938	ug/l	100
47) Bromodichloromethane	7.108	83	49451	20.847	ug/l	95
48) Methyl methacrylate	6.960	41	39361	21.133	ug/l	97
49) 1,4-Dioxane	6.964	88	21585	450.637	ug/l #	93
51) 4-Methyl-2-Pentanone	7.793	43	282332	105.765	ug/l	99
52) Toluene	7.973	92	88624	21.229	ug/l	99
53) t-1,3-Dichloropropene	8.211	75	55409	20.325	ug/l	98
54) cis-1,3-Dichloropropene	7.610	75	58641	20.252	ug/l	95
55) 1,1,2-Trichloroethane	8.404	97	35513	20.525	ug/l	95
56) Ethyl methacrylate	8.333	69	57277	19.986	ug/l	98
57) 1,3-Dichloropropane	8.578	76	65422	20.994	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.465	63	149852	94.077	ug/l	99
59) 2-Hexanone	8.684	43	216231	97.822	ug/l	99
60) Dibromochloromethane	8.812	129	37218	20.658	ug/l	99
61) 1,2-Dibromoethane	8.925	107	38841	20.931	ug/l	98
64) Tetrachloroethene	8.555	164	27835	20.829	ug/l	99
65) Chlorobenzene	9.449	112	92724	20.275	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.536	131	32669	20.029	ug/l	100
67) Ethyl Benzene	9.571	91	166764	20.362	ug/l	100
68) m/p-Xylenes	9.697	106	129599	41.958	ug/l	99
69) o-Xylene	10.102	106	63251	21.063	ug/l	98
70) Styrene	10.115	104	106298	20.924	ug/l	98
71) Bromoform	10.291	173	26901	19.436	ug/l #	99
73) Isopropylbenzene	10.488	105	164664	21.385	ug/l	100
74) N-amyl acetate	10.320	43	71091	20.466	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.783	83	62855	20.603	ug/l	100
76) 1,2,3-Trichloropropane	10.825	75	56984m	15.945	ug/l	
77) Bromobenzene	10.783	156	39071	20.899	ug/l	98
78) n-propylbenzene	10.906	91	203153	21.198	ug/l	100
79) 2-Chlorotoluene	10.986	91	117869	20.818	ug/l	97
80) 1,3,5-Trimethylbenzene	11.089	105	142891	21.240	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.549	75	18586	19.010	ug/l	97
82) 4-Chlorotoluene	11.098	91	140357	21.138	ug/l	100
83) tert-Butylbenzene	11.423	119	134099	20.910	ug/l	99
84) 1,2,4-Trimethylbenzene	11.468	105	143335	21.437	ug/l	99
85) sec-Butylbenzene	11.645	105	179349	21.087	ug/l	100
86) p-Isopropyltoluene	11.796	119	147425	20.742	ug/l	99
87) 1,3-Dichlorobenzene	11.748	146	75988	20.145	ug/l	99
88) 1,4-Dichlorobenzene	11.838	146	76319	20.005	ug/l	99
89) n-Butylbenzene	12.211	91	136679	19.963	ug/l	99
90) Hexachloroethane	12.478	117	25679	20.028	ug/l	100
91) 1,2-Dichlorobenzene	12.214	146	76499	20.845	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.999	75	14986	20.818	ug/l	98
93) 1,2,4-Trichlorobenzene	13.841	180	50957	20.082	ug/l	99
94) Hexachlorobutadiene	14.024	225	20500	18.716	ug/l	98
95) Naphthalene	14.089	128	179973	19.507	ug/l	99
96) 1,2,3-Trichlorobenzene	14.330	180	51382	20.387	ug/l	99

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

