

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102921\
 Data File : VU045466.D
 Acq On : 29 Oct 2021 16:07
 Operator : SY/MD
 Sample : VU1029WBSD01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1029WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/01/2021
 Supervised By : Mahesh Dadoda 11/01/2021

Quant Time: Oct 30 04:07:15 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	196022	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	365796	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	351211	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	170733	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	167265	52.413	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.820%			
35) Dibromofluoromethane	5.295	113	121176	52.099	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.200%			
50) Toluene-d8	7.903	98	482642	52.917	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.840%			
62) 4-Bromofluorobenzene	10.636	95	182887	52.621	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.240%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	56769	19.998	ug/l	100
3) Chloromethane	1.520	50	77455	19.857	ug/l	99
4) Vinyl Chloride	1.604	62	67496	20.844	ug/l	98
5) Bromomethane	1.861	94	43927	22.346	ug/l	99
6) Chloroethane	1.935	64	41903	21.478	ug/l	99
7) Trichlorofluoromethane	2.141	101	76115	20.995	ug/l	98
8) Diethyl Ether	2.379	74	34762	20.681	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.584	101	45811	21.032	ug/l	99
10) Methyl Iodide	2.726	142	25143	19.079	ug/l	99
11) Tert butyl alcohol	3.218	59	73761	107.078	ug/l	100
12) 1,1-Dichloroethene	2.584	96	46456	20.744	ug/l	97
13) Acrolein	2.494	56	14643	94.977	ug/l	100
14) Allyl chloride	2.928	41	85208	20.720	ug/l	100
15) Acrylonitrile	3.321	53	175014	104.792	ug/l	100
16) Acetone	2.642	43	167454	115.581	ug/l	100
17) Carbon Disulfide	2.797	76	132745	20.368	ug/l	99
18) Methyl Acetate	2.954	43	112087	20.776	ug/l	100
19) Methyl tert-butyl Ether	3.366	73	172399	20.923	ug/l	100
20) Methylene Chloride	3.051	84	57138	19.792	ug/l	98
21) trans-1,2-Dichloroethene	3.356	96	50895	21.089	ug/l	94
22) Diisopropyl ether	3.996	45	171465	21.322	ug/l	97
23) Vinyl Acetate	3.961	43	659920	105.793	ug/l	100
24) 1,1-Dichloroethane	3.874	63	98304	20.861	ug/l	99
25) 2-Butanone	4.713	43	241942	110.619	ug/l	99
26) 2,2-Dichloropropane	4.668	77	77426	21.209	ug/l	99
27) cis-1,2-Dichloroethene	4.671	96	57832	20.825	ug/l	99
28) Bromochloromethane	4.980	49	52312	22.506	ug/l	98
29) Tetrahydrofuran	5.057	42	151518	106.823	ug/l	100
30) Chloroform	5.092	83	95074	20.808	ug/l	98
31) Cyclohexane	5.391	56	97719	20.567	ug/l	96
32) 1,1,1-Trichloroethane	5.321	97	78480	20.928	ug/l	99
36) 1,1-Dichloropropene	5.530	75	71665	20.581	ug/l	99
37) Ethyl Acetate	4.806	43	86525	20.518	ug/l	100
38) Carbon Tetrachloride	5.530	117	62262	20.502	ug/l	98
39) Methylcyclohexane	6.768	83	89538	20.678	ug/l	99
40) Benzene	5.777	78	217424	20.743	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.973	41	47505	21.286	ug/l	99
42) 1,2-Dichloroethane	5.800	62	79449	20.638	ug/l	100
43) Isopropyl Acetate	5.915	43	130912	20.599	ug/l	100
44) Trichloroethene	6.546	130	50530	20.799	ug/l	100
45) 1,2-Dichloropropane	6.793	63	57469	20.833	ug/l	98
46) Dibromomethane	6.922	93	37879	21.089	ug/l	99
47) Bromodichloromethane	7.108	83	72789	20.592	ug/l	98
48) Methyl methacrylate	6.964	41	61194	20.315	ug/l	99
49) 1,4-Dioxane	7.015	88	32286	421.734	ug/l #	97
51) 4-Methyl-2-Pentanone	7.793	43	430600	104.829	ug/l	100
52) Toluene	7.973	92	133193	20.904	ug/l	99
53) t-1,3-Dichloropropene	8.214	75	82454	20.465	ug/l	100
54) cis-1,3-Dichloropropene	7.610	75	90248	20.916	ug/l	99
55) 1,1,2-Trichloroethane	8.404	97	54319	20.870	ug/l	100
56) Ethyl methacrylate	8.337	69	86783	19.265	ug/l	99
57) 1,3-Dichloropropane	8.578	76	95334	20.635	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.465	63	238396	99.929	ug/l	100
59) 2-Hexanone	8.687	43	337157	105.939	ug/l	99
60) Dibromochloromethane	8.812	129	50376	20.168	ug/l	100
61) 1,2-Dibromoethane	8.925	107	56415	20.694	ug/l	99
64) Tetrachloroethene	8.555	164	40530	20.188	ug/l	98
65) Chlorobenzene	9.449	112	133970	20.119	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.539	131	44614	19.858	ug/l	100
67) Ethyl Benzene	9.571	91	245872	20.157	ug/l	100
68) m/p-Xylenes	9.697	106	188821	41.009	ug/l	100
69) o-Xylene	10.102	106	91886	20.466	ug/l	99
70) Styrene	10.118	104	154829	19.263	ug/l	99
71) Bromoform	10.295	173	35739	18.874	ug/l #	99
73) Isopropylbenzene	10.488	105	238527	20.719	ug/l	99
74) N-amyl acetate	10.320	43	106058	18.506	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.787	83	92886	20.329	ug/l	100
76) 1,2,3-Trichloropropane	10.828	75	88636m	19.485	ug/l	
77) Bromobenzene	10.783	156	55246	20.567	ug/l	98
78) n-propylbenzene	10.909	91	294443	21.096	ug/l	99
79) 2-Chlorotoluene	10.989	91	176045	20.955	ug/l	99
80) 1,3,5-Trimethylbenzene	11.092	105	204611	21.122	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.549	75	28390	19.211	ug/l	97
82) 4-Chlorotoluene	11.099	91	203007	21.250	ug/l	100
83) tert-Butylbenzene	11.423	119	192584	20.596	ug/l	99
84) 1,2,4-Trimethylbenzene	11.472	105	203490	20.965	ug/l	100
85) sec-Butylbenzene	11.645	105	255738	20.841	ug/l	100
86) p-Isopropyltoluene	11.796	119	207770	19.229	ug/l	99
87) 1,3-Dichlorobenzene	11.748	146	106415	20.070	ug/l	99
88) 1,4-Dichlorobenzene	11.838	146	106727	19.684	ug/l	98
89) n-Butylbenzene	12.211	91	197457	19.149	ug/l	100
90) Hexachloroethane	12.478	117	34050	19.441	ug/l	99
91) 1,2-Dichlorobenzene	12.214	146	106512	20.084	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.999	75	22201	20.230	ug/l	95
93) 1,2,4-Trichlorobenzene	13.841	180	70013	19.714	ug/l	99
94) Hexachlorobutadiene	14.024	225	25387	19.633	ug/l	98
95) Naphthalene	14.089	128	262401	18.751	ug/l	100
96) 1,2,3-Trichlorobenzene	14.333	180	71369	19.937	ug/l	99

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

