

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110221\
 Data File : VU045509.D
 Acq On : 01 Nov 2021 23:54
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 02 07:40:08 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

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 11/02/2021
 Supervised By :Semsettin Yesilyurt 11/09/2021

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

Internal Standards						
1) Pentafluorobenzene	5.378	168	188957	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	358673	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	340826	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	168702	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	154441	50.204	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.400%			
35) Dibromofluoromethane	5.292	113	113884	49.936	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.880%			
50) Toluene-d8	7.902	98	447468	50.035	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.060%			
62) 4-Bromofluorobenzene	10.635	95	170713	50.094	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.180%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	136864	49.450	ug/l	99
3) Chloromethane	1.520	50	158911	42.264	ug/l	99
4) Vinyl Chloride	1.607	62	161670	51.794	ug/l	100
5) Bromomethane	1.861	94	74445	39.287	ug/l	98
6) Chloroethane	1.935	64	97681	51.941	ug/l	99
7) Trichlorofluoromethane	2.141	101	186036	53.233	ug/l	99
8) Diethyl Ether	2.379	74	86636	53.469	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.584	101	111226	52.974	ug/l	100
10) Methyl Iodide	2.726	142	67938	36.614	ug/l	100
11) Tert butyl alcohol	3.211	59	158242	238.308	ug/l	100
12) 1,1-Dichloroethene	2.584	96	114788	53.172	ug/l	97
13) Acrolein	2.494	56	24106	162.201	ug/l	100
14) Allyl chloride	2.928	41	210659	53.142	ug/l	99
15) Acrylonitrile	3.321	53	421280	261.677	ug/l	99
16) Acetone	2.639	43	337023	241.319	ug/l	98
17) Carbon Disulfide	2.797	76	330443	52.597	ug/l	100
18) Methyl Acetate	2.951	43	276726	53.209	ug/l	100
19) Methyl tert-butyl Ether	3.366	73	425247	53.538	ug/l	100
20) Methylene Chloride	3.051	84	136583	49.079	ug/l	98
21) trans-1,2-Dichloroethene	3.356	96	123166	52.944	ug/l	98
22) Diisopropyl ether	3.996	45	425432	54.881	ug/l	98
23) Vinyl Acetate	3.957	43	1614755	268.543	ug/l	100
24) 1,1-Dichloroethane	3.877	63	243103	53.517	ug/l	100
25) 2-Butanone	4.706	43	543586	257.828	ug/l	99
26) 2,2-Dichloropropane	4.671	77	164158	46.647	ug/l	100
27) cis-1,2-Dichloroethene	4.671	96	143944	53.771	ug/l	99
28) Bromochloromethane	4.976	49	114090	50.919	ug/l	99
29) Tetrahydrofuran	5.054	42	349505	255.620	ug/l	100
30) Chloroform	5.092	83	234126	53.156	ug/l	100
31) Cyclohexane	5.391	56	229240	50.052	ug/l	99
32) 1,1,1-Trichloroethane	5.321	97	194434	53.789	ug/l	100
36) 1,1-Dichloropropene	5.530	75	177135	51.881	ug/l	100
37) Ethyl Acetate	4.806	43	207291	50.131	ug/l	99
38) Carbon Tetrachloride	5.530	117	152020	51.052	ug/l	98
39) Methylcyclohexane	6.767	83	217850	51.309	ug/l	99
40) Benzene	5.777	78	530731	51.639	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.973	41	115068	52.583	ug/l	100
42) 1,2-Dichloroethane	5.796	62	190322	50.420	ug/l	99
43) Isopropyl Acetate	5.912	43	323734	51.951	ug/l	100
44) Trichloroethene	6.546	130	124079	52.088	ug/l	99
45) 1,2-Dichloropropane	6.793	63	139651	51.631	ug/l	100
46) Dibromomethane	6.922	93	92706	52.639	ug/l	100
47) Bromodichloromethane	7.108	83	181400	52.336	ug/l	99
48) Methyl methacrylate	6.960	41	153435	51.948	ug/l	100
49) 1,4-Dioxane	7.002	88	66715	888.767	ug/l #	97
51) 4-Methyl-2-Pentanone	7.793	43	1043263	259.025	ug/l	100
52) Toluene	7.973	92	324988	52.017	ug/l	99
53) t-1,3-Dichloropropene	8.211	75	203690	51.561	ug/l	99
54) cis-1,3-Dichloropropene	7.610	75	218218	51.579	ug/l	99
55) 1,1,2-Trichloroethane	8.404	97	129780	50.854	ug/l	99
56) Ethyl methacrylate	8.336	69	222335	47.691	ug/l	100
57) 1,3-Dichloropropane	8.578	76	234785	51.829	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.465	63	581777	248.708	ug/l	99
59) 2-Hexanone	8.687	43	800471	256.513	ug/l	99
60) Dibromochloromethane	8.812	129	125338	51.175	ug/l	99
61) 1,2-Dibromoethane	8.925	107	138690	51.884	ug/l	99
64) Tetrachloroethene	8.555	164	102483	52.603	ug/l	100
65) Chlorobenzene	9.449	112	326882	50.585	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.536	131	112379	51.545	ug/l	99
67) Ethyl Benzene	9.571	91	615965	52.036	ug/l	100
68) m/p-Xylenes	9.697	106	471111	105.434	ug/l	100
69) o-Xylene	10.102	106	228409	52.424	ug/l	99
70) Styrene	10.118	104	393256	48.838	ug/l	99
71) Bromoform	10.295	173	90812	46.208	ug/l #	100
73) Isopropylbenzene	10.488	105	590308	51.893	ug/l	100
74) N-amyl acetate	10.320	43	275169	46.715	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.783	83	227441	50.377	ug/l	100
76) 1,2,3-Trichloropropane	10.828	75	215233m	47.884	ug/l	
77) Bromobenzene	10.783	156	135783	51.159	ug/l	98
78) n-propylbenzene	10.909	91	735467	53.328	ug/l	99
79) 2-Chlorotoluene	10.989	91	430170	51.821	ug/l	100
80) 1,3,5-Trimethylbenzene	11.092	105	508477	53.122	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.549	75	67673	42.492	ug/l	99
82) 4-Chlorotoluene	11.098	91	500958	53.069	ug/l	100
83) tert-Butylbenzene	11.423	119	478987	51.842	ug/l	99
84) 1,2,4-Trimethylbenzene	11.468	105	508630	53.033	ug/l	100
85) sec-Butylbenzene	11.645	105	635927	52.449	ug/l	100
86) p-Isopropyltoluene	11.796	119	524881	48.870	ug/l	99
87) 1,3-Dichlorobenzene	11.748	146	263758	50.343	ug/l	99
88) 1,4-Dichlorobenzene	11.838	146	266942	49.825	ug/l	100
89) n-Butylbenzene	12.211	91	506693	48.230	ug/l	100
90) Hexachloroethane	12.478	117	83770	48.405	ug/l	98
91) 1,2-Dichlorobenzene	12.214	146	264095	50.399	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.999	75	54216	49.997	ug/l	100
93) 1,2,4-Trichlorobenzene	13.841	180	180009	51.296	ug/l	100
94) Hexachlorobutadiene	14.024	225	62110	48.610	ug/l	99
95) Naphthalene	14.089	128	680558	49.055	ug/l	100
96) 1,2,3-Trichlorobenzene	14.333	180	183640	51.917	ug/l	99

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

