

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU033122\
 Data File : VU047780.D
 Acq On : 31 Mar 2022 18:09
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 01 02:25:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U033122W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 13:50:29 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 04/01/2022
 Supervised By : Mahesh Dadoda 04/01/2022

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

Internal Standards						
1) Pentafluorobenzene	5.375	168	321430	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	481988	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	469106	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	279012	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	183272	53.148	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.300%			
35) Dibromofluoromethane	5.292	113	166884	51.629	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.260%			
50) Toluene-d8	7.899	98	595696	51.154	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.300%			
62) 4-Bromofluorobenzene	10.632	95	230926	50.918	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.840%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	180125	50.065	ug/l	99
3) Chloromethane	1.523	50	192207	47.905	ug/l	98
4) Vinyl Chloride	1.607	62	190409	50.556	ug/l	100
5) Bromomethane	1.861	94	129446	52.189	ug/l	98
6) Chloroethane	1.938	64	119564	48.511	ug/l	97
7) Trichlorofluoromethane	2.141	101	260406	49.424	ug/l	97
8) Diethyl Ether	2.379	74	101389	50.267	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.584	101	154168	48.927	ug/l	97
10) Methyl Iodide	2.726	142	169109	51.336	ug/l	99
11) Tert butyl alcohol	3.295	59	269057m	278.447	ug/l	
12) 1,1-Dichloroethene	2.584	96	153268	49.854	ug/l	97
13) Acrolein	2.497	56	104080	226.697	ug/l	98
14) Allyl chloride	2.928	41	225108	51.509	ug/l	98
15) Acrylonitrile	3.327	53	598818	258.327	ug/l	100
16) Acetone	2.655	43	511031	203.261	ug/l	100
17) Carbon Disulfide	2.797	76	442781	48.885	ug/l	100
18) Methyl Acetate	2.957	43	239933	51.001	ug/l	98
19) Methyl tert-butyl Ether	3.366	73	499629	51.554	ug/l	100
20) Methylene Chloride	3.051	84	178448	47.792	ug/l	98
21) trans-1,2-Dichloroethene	3.356	96	167672	50.005	ug/l	99
22) Diisopropyl ether	3.993	45	455783	52.439	ug/l	99
23) Vinyl Acetate	3.960	43	2103259	266.757	ug/l	100
24) 1,1-Dichloroethane	3.874	63	289185	50.588	ug/l	99
25) 2-Butanone	4.719	43	804291	254.029	ug/l	97
26) 2,2-Dichloropropane	4.668	77	248597	49.069	ug/l	100
27) cis-1,2-Dichloroethene	4.671	96	193495	50.828	ug/l	99
28) Bromochloromethane	4.976	49	117133	57.282	ug/l	97
29) Tetrahydrofuran	5.063	42	516747	263.722	ug/l	99
30) Chloroform	5.092	83	307211	49.878	ug/l	99
31) Cyclohexane	5.391	56	250956	48.805	ug/l	98
32) 1,1,1-Trichloroethane	5.321	97	268727	50.595	ug/l	99
36) 1,1-Dichloropropene	5.530	75	229170	50.221	ug/l	99
37) Ethyl Acetate	4.809	43	299547	48.746	ug/l #	92
38) Carbon Tetrachloride	5.526	117	244599	50.258	ug/l	99
39) Methylcyclohexane	6.764	83	276299	49.524	ug/l	99
40) Benzene	5.777	78	679916	50.132	ug/l	100

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41) Methacrylonitrile	4.976	41	142479	51.351	ug/l	97
42) 1,2-Dichloroethane	5.796	62	239093	50.635	ug/l	99
43) Isopropyl Acetate	5.912	43	397608	51.561	ug/l	99
44) Trichloroethene	6.542	130	194029	49.344	ug/l	98
45) 1,2-Dichloropropane	6.793	63	172724	50.581	ug/l	99
46) Dibromomethane	6.919	93	135319	50.174	ug/l	99
47) Bromodichloromethane	7.108	83	245852	49.523	ug/l	99
48) Methyl methacrylate	6.960	41	184598	52.278	ug/l	99
49) 1,4-Dioxane	7.054	88	112669m	1044.605	ug/l	
51) 4-Methyl-2-Pentanone	7.793	43	1476740	261.592	ug/l	100
52) Toluene	7.970	92	441683	50.915	ug/l	99
53) t-1,3-Dichloropropene	8.211	75	280043	50.607	ug/l	100
54) cis-1,3-Dichloropropene	7.607	75	293321	51.608	ug/l	100
55) 1,1,2-Trichloroethane	8.401	97	185373	49.962	ug/l	98
56) Ethyl methacrylate	8.333	69	285462	53.586	ug/l	99
57) 1,3-Dichloropropane	8.574	76	304415	50.424	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.465	63	106597	253.735	ug/l	99
59) 2-Hexanone	8.687	43	1214599	262.350	ug/l	100
60) Dibromochloromethane	8.809	129	218930	51.382	ug/l	98
61) 1,2-Dibromoethane	8.925	107	211410	50.189	ug/l	99
64) Tetrachloroethene	8.555	164	169918	48.978	ug/l	98
65) Chlorobenzene	9.446	112	499352	49.918	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.536	131	187266	50.824	ug/l	98
67) Ethyl Benzene	9.571	91	845138	51.597	ug/l	100
68) m/p-Xylenes	9.693	106	679991	105.578	ug/l	100
69) o-Xylene	10.098	106	330720	53.621	ug/l	99
70) Styrene	10.115	104	557419	54.407	ug/l	100
71) Bromoform	10.291	173	194530	51.650	ug/l #	99
73) Isopropylbenzene	10.484	105	851369	52.175	ug/l	100
74) N-amyl acetate	10.320	43	347887	53.944	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.783	83	351641	51.609	ug/l	99
76) 1,2,3-Trichloropropane	10.825	75	405649	51.936	ug/l	97
77) Bromobenzene	10.780	156	241585	51.519	ug/l	98
78) n-propylbenzene	10.906	91	1014394	52.032	ug/l	99
79) 2-Chlorotoluene	10.986	91	610284	52.096	ug/l	100
80) 1,3,5-Trimethylbenzene	11.089	105	727166	52.851	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.545	75	116340	53.018	ug/l	98
82) 4-Chlorotoluene	11.095	91	708576	52.065	ug/l	99
83) tert-Butylbenzene	11.420	119	735947	52.028	ug/l	100
84) 1,2,4-Trimethylbenzene	11.468	105	727132	53.181	ug/l	100
85) sec-Butylbenzene	11.642	105	899318	52.088	ug/l	99
86) p-Isopropyltoluene	11.793	119	774849	52.347	ug/l	100
87) 1,3-Dichlorobenzene	11.745	146	459426	49.212	ug/l	100
88) 1,4-Dichlorobenzene	11.835	146	466885	48.828	ug/l	99
89) n-Butylbenzene	12.208	91	698876	50.523	ug/l	99
90) Hexachloroethane	12.475	117	150874	50.386	ug/l	100
91) 1,2-Dichlorobenzene	12.211	146	458624	50.547	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.995	75	90121	53.091	ug/l	98
93) 1,2,4-Trichlorobenzene	13.841	180	333047	51.775	ug/l	99
94) Hexachlorobutadiene	14.021	225	156567	48.244	ug/l	100
95) Naphthalene	14.085	128	1025426	53.497	ug/l	100
96) 1,2,3-Trichlorobenzene	14.330	180	327353	52.182	ug/l	99

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

