

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU033122\
 Data File : VU047766.D
 Acq On : 31 Mar 2022 10:01
 Operator : SY/MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC001

Manual Integrations
 APPROVED

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

Quant Time: Mar 31 12:34:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U033122W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 12:33:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.378	168	303775	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	451567	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	431671	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	211957	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.000	65	0d	0.000	ug/l	
Spiked Amount	50.000	Range	78 - 117	Recovery	=	0.000%#
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l	
Spiked Amount	50.000	Range	75 - 124	Recovery	=	0.000%#
50) Toluene-d8	0.000	98	0d	0.000	ug/l	
Spiked Amount	50.000	Range	92 - 112	Recovery	=	0.000%#
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l	
Spiked Amount	50.000	Range	83 - 123	Recovery	=	0.000%#
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.388	85	3530	1.338	ug/l	97
3) Chloromethane	1.527	50	4319	1.366	ug/l	95
4) Vinyl Chloride	1.607	62	3771	1.290	ug/l	90
6) Chloroethane	1.938	64	2782	1.459	ug/l	91
7) Trichlorofluoromethane	2.144	101	5224	1.190	ug/l	100
8) Diethyl Ether	2.382	74	2208	1.229	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.588	101	3288	1.217	ug/l	98
12) 1,1-Dichloroethene	2.584	96	3292	1.274	ug/l	98
14) Allyl chloride	2.928	41	4137	1.117	ug/l	96
15) Acrylonitrile	3.340	53	11415	5.326	ug/l	97
16) Acetone	2.665	43	13691	5.793	ug/l	97
17) Carbon Disulfide	2.800	76	9668	1.414	ug/l #	95
18) Methyl Acetate	2.967	43	4880	1.128	ug/l	94
19) Methyl tert-butyl Ether	3.366	73	9396	1.115	ug/l	96
20) Methylene Chloride	3.051	84	4536	1.425	ug/l #	94
21) trans-1,2-Dichloroethene	3.359	96	3435	1.262	ug/l	97
22) Diisopropyl ether	3.993	45	7838	1.016	ug/l #	32
23) Vinyl Acetate	3.967	43	33603	4.905	ug/l	97
24) 1,1-Dichloroethane	3.874	63	5610	1.122	ug/l #	90
25) 2-Butanone	4.735	43	14334	5.063	ug/l	95
26) 2,2-Dichloropropane	4.668	77	5118	1.160	ug/l	79
27) cis-1,2-Dichloroethene	4.678	96	3874	1.190	ug/l	100
28) Bromochloromethane	4.980	49	1750	0.875	ug/l #	95
29) Tetrahydrofuran	5.076	42	9459	5.292	ug/l	97
30) Chloroform	5.096	83	6515	1.220	ug/l	94
32) 1,1,1-Trichloroethane	5.321	97	5458	1.197	ug/l #	46
36) 1,1-Dichloropropene	5.530	75	4546	1.174	ug/l	98
37) Ethyl Acetate	4.809	43	7075m	1.221	ug/l	
38) Carbon Tetrachloride	5.526	117	4898	1.175	ug/l	91
39) Methylcyclohexane	6.768	83	5067	1.112	ug/l	96
40) Benzene	5.780	78	13976	1.193	ug/l	98
41) Methacrylonitrile	4.986	41	2756m	1.148	ug/l	
42) 1,2-Dichloroethane	5.800	62	4786	1.142	ug/l	95
43) Isopropyl Acetate	5.922	43	7279	1.053	ug/l #	96
44) Trichloroethene	6.549	130	3979	1.186	ug/l	99
45) 1,2-Dichloropropane	6.796	63	3300	1.102	ug/l	93

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU033122\
 Data File : VU047766.D
 Acq On : 31 Mar 2022 10:01
 Operator : SY/MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC001

Manual Integrations
 APPROVED

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

Quant Time: Mar 31 12:34:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U033122W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 12:33:41 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	6.925	93	2737	1.193	ug/l	96
47) Bromodichloromethane	7.108	83	5024	1.163	ug/l	96
48) Methyl methacrylate	6.970	41	2987	0.972	ug/l	97
49) 1,4-Dioxane	7.086	88	2322m	25.346	ug/l	
51) 4-Methyl-2-Pentanone	7.796	43	25094	4.953	ug/l	97
52) Toluene	7.973	92	8237	1.125	ug/l	98
53) t-1,3-Dichloropropene	8.214	75	4859	1.021	ug/l #	30
54) cis-1,3-Dichloropropene	7.610	75	5012	1.030	ug/l	94
55) 1,1,2-Trichloroethane	8.404	97	3538	1.070	ug/l	95
56) Ethyl methacrylate	8.337	69	4094	0.882	ug/l	97
57) 1,3-Dichloropropane	8.578	76	5670	1.069	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.472	63	851	2.540	ug/l #	61
59) 2-Hexanone	8.693	43	19815	4.672	ug/l	95
60) Dibromochloromethane	8.812	129	3918	1.040	ug/l	97
61) 1,2-Dibromoethane	8.925	107	3946	1.072	ug/l	99
64) Tetrachloroethene	8.552	164	3524	1.239	ug/l	93
65) Chlorobenzene	9.449	112	9898	1.171	ug/l	93
66) 1,1,1,2-Tetrachloroethane	9.536	131	3744	1.199	ug/l #	65
67) Ethyl Benzene	9.571	91	14872	1.097	ug/l	100
68) m/p-Xylenes	9.697	106	10765	1.998	ug/l	92
69) o-Xylene	10.102	106	4925	0.941	ug/l	97
70) Styrene	10.118	104	7494	0.864	ug/l	97
71) Bromoform	10.295	173	3407	1.065	ug/l #	95
73) Isopropylbenzene	10.484	105	12514	1.072	ug/l	98
74) N-amyl acetate	10.330	43	4764	1.021	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.787	83	5752	1.136	ug/l	98
76) 1,2,3-Trichloropropane	10.825	75	6718	1.171	ug/l	98
77) Bromobenzene	10.783	156	3612	1.053	ug/l	86
78) n-propylbenzene	10.909	91	14360	1.041	ug/l	98
79) 2-Chlorotoluene	10.989	91	9372	1.110	ug/l	94
80) 1,3,5-Trimethylbenzene	11.092	105	9481	0.961	ug/l	100
82) 4-Chlorotoluene	11.102	91	10214	1.045	ug/l	100
83) tert-Butylbenzene	11.423	119	10232	1.030	ug/l	96
84) 1,2,4-Trimethylbenzene	11.472	105	9320	0.963	ug/l	97
85) sec-Butylbenzene	11.645	105	11778	0.966	ug/l	98
86) p-Isopropyltoluene	11.796	119	9661	0.929	ug/l	93
87) 1,3-Dichlorobenzene	11.748	146	7841	1.186	ug/l	94
88) 1,4-Dichlorobenzene	11.838	146	8659m	1.261	ug/l	
89) n-Butylbenzene	12.211	91	9819	1.008	ug/l	96
90) Hexachloroethane	12.478	117	2328	1.120	ug/l	96
91) 1,2-Dichlorobenzene	12.217	146	7540	1.161	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	13.002	75	1371	1.133	ug/l	96
93) 1,2,4-Trichlorobenzene	13.844	180	4872	1.074	ug/l	93
94) Hexachlorobutadiene	14.024	225	2825	1.227	ug/l	94
95) Naphthalene	14.092	128	15075	1.149	ug/l	98
96) 1,2,3-Trichlorobenzene	14.333	180	4819	1.077	ug/l	97

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

