

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU033122\
 Data File : VU047779.D
 Acq On : 31 Mar 2022 17:46
 Operator : SY/MD
 Sample : VU0331WBS01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0331WBS01

Quant Time: Apr 01 02:25:18 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	241245	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	360587	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	348550	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	200821	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	127192	49.145	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.280%		
35) Dibromofluoromethane	5.292	113	113517	46.943	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.880%		
50) Toluene-d8	7.899	98	404299	46.407	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	92.820%		
62) 4-Bromofluorobenzene	10.632	95	150984	44.500	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.000%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	50722	18.784	ug/l	99
3) Chloromethane	1.523	50	55195	18.329	ug/l	98
4) Vinyl Chloride	1.607	62	52478	18.565	ug/l	100
5) Bromomethane	1.861	94	37167	19.965	ug/l	98
6) Chloroethane	1.938	64	33285	17.994	ug/l	98
7) Trichlorofluoromethane	2.144	101	71781	18.152	ug/l	98
8) Diethyl Ether	2.379	74	27143	17.930	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.588	101	43119	18.233	ug/l	97
10) Methyl Iodide	2.729	142	38913	17.094	ug/l	99
11) Tert butyl alcohol	3.256	59	69474m	95.796	ug/l	
12) 1,1-Dichloroethene	2.584	96	43056	18.660	ug/l	92
13) Acrolein	2.494	56	26111	77.656	ug/l	99
14) Allyl chloride	2.929	41	61826	18.849	ug/l	98
15) Acrylonitrile	3.324	53	159954	91.939	ug/l	99
16) Acetone	2.652	43	153010	81.088	ug/l	98
17) Carbon Disulfide	2.800	76	123392	18.151	ug/l	99
18) Methyl Acetate	2.957	43	65378	18.516	ug/l	99
19) Methyl tert-butyl Ether	3.366	73	129499	17.804	ug/l	98
20) Methylene Chloride	3.051	84	55580	19.833	ug/l	99
21) trans-1,2-Dichloroethene	3.359	96	46498	18.476	ug/l	96
22) Diisopropyl ether	3.993	45	119658	18.343	ug/l	98
23) Vinyl Acetate	3.961	43	534062	90.249	ug/l	100
24) 1,1-Dichloroethane	3.874	63	77876	18.151	ug/l	99
25) 2-Butanone	4.716	43	214105	90.100	ug/l	99
26) 2,2-Dichloropropane	4.671	77	64561	16.979	ug/l	100
27) cis-1,2-Dichloroethene	4.671	96	52546	18.391	ug/l	98
28) Bromochloromethane	4.977	49	28971	18.877	ug/l	98
29) Tetrahydrofuran	5.063	42	134280	91.308	ug/l	100
30) Chloroform	5.092	83	84138	18.201	ug/l	96
31) Cyclohexane	5.391	56	68796	17.826	ug/l	98
32) 1,1,1-Trichloroethane	5.321	97	72352	18.150	ug/l	98
36) 1,1-Dichloropropene	5.530	75	61631	18.053	ug/l	99
37) Ethyl Acetate	4.809	43	76186	16.572	ug/l #	92
38) Carbon Tetrachloride	5.530	117	65577	18.010	ug/l	99
39) Methylcyclohexane	6.764	83	70277	16.837	ug/l	98
40) Benzene	5.777	78	186581	18.389	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.977	41	36212	17.445	ug/l	97
42) 1,2-Dichloroethane	5.797	62	65110	18.431	ug/l	99
43) Isopropyl Acetate	5.912	43	100671	17.450	ug/l	99
44) Trichloroethene	6.546	130	52406	17.814	ug/l	100
45) 1,2-Dichloropropane	6.793	63	47580	18.624	ug/l	99
46) Dibromomethane	6.919	93	36742	18.210	ug/l	100
47) Bromodichloromethane	7.108	83	65453	17.623	ug/l	98
48) Methyl methacrylate	6.961	41	46164	17.475	ug/l	99
49) 1,4-Dioxane	7.034	88	26937	333.828	ug/l #	69
51) 4-Methyl-2-Pentanone	7.793	43	371161	87.884	ug/l	100
52) Toluene	7.970	92	119397	18.397	ug/l	100
53) t-1,3-Dichloropropene	8.211	75	72635	17.545	ug/l	98
54) cis-1,3-Dichloropropene	7.607	75	75366	17.724	ug/l	99
55) 1,1,2-Trichloroethane	8.401	97	49308	17.764	ug/l	99
56) Ethyl methacrylate	8.333	69	68414	17.166	ug/l	99
57) 1,3-Dichloropropane	8.578	76	81813	18.114	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.465	63	19353	81.597	ug/l	98
59) 2-Hexanone	8.687	43	304726	87.980	ug/l	99
60) Dibromochloromethane	8.809	129	56651	17.772	ug/l	99
61) 1,2-Dibromoethane	8.925	107	56750	18.008	ug/l	100
64) Tetrachloroethene	8.555	164	45845	17.785	ug/l	98
65) Chlorobenzene	9.446	112	133415	17.950	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.536	131	48601	17.753	ug/l	99
67) Ethyl Benzene	9.571	91	215687	17.723	ug/l	99
68) m/p-Xylenes	9.694	106	173215	36.196	ug/l	99
69) o-Xylene	10.102	106	81796	17.849	ug/l	98
70) Styrene	10.115	104	135393	17.786	ug/l	100
71) Bromoform	10.292	173	49570	17.714	ug/l #	99
73) Isopropylbenzene	10.484	105	210324	17.908	ug/l	99
74) N-amyl acetate	10.321	43	81500	17.558	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.784	83	87958	17.936	ug/l	99
76) 1,2,3-Trichloropropane	10.825	75	100008	17.790	ug/l	99
77) Bromobenzene	10.784	156	62476	18.511	ug/l	98
78) n-propylbenzene	10.906	91	248690	17.723	ug/l	100
79) 2-Chlorotoluene	10.986	91	154622	18.338	ug/l	99
80) 1,3,5-Trimethylbenzene	11.089	105	176910	17.864	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.546	75	26373	16.698	ug/l	97
82) 4-Chlorotoluene	11.095	91	176017	17.969	ug/l	99
83) tert-Butylbenzene	11.420	119	176465	17.332	ug/l	99
84) 1,2,4-Trimethylbenzene	11.468	105	177052	17.991	ug/l	100
85) sec-Butylbenzene	11.642	105	215505	17.342	ug/l	100
86) p-Isopropyltoluene	11.793	119	182638	17.143	ug/l	100
87) 1,3-Dichlorobenzene	11.745	146	116978	17.409	ug/l	99
88) 1,4-Dichlorobenzene	11.835	146	118356	17.197	ug/l	99
89) n-Butylbenzene	12.208	91	163147	16.386	ug/l	99
90) Hexachloroethane	12.478	117	36112	16.756	ug/l	97
91) 1,2-Dichlorobenzene	12.211	146	116161	17.787	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.996	75	22009	18.014	ug/l	100
93) 1,2,4-Trichlorobenzene	13.841	180	78732	17.005	ug/l	98
94) Hexachlorobutadiene	14.021	225	38042	16.286	ug/l	99
95) Naphthalene	14.086	128	226147	16.392	ug/l	100
96) 1,2,3-Trichlorobenzene	14.330	180	77514	17.167	ug/l	99

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

