

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040222\
 Data File : VU047801.D
 Acq On : 02 Apr 2022 15:18
 Operator : SY/MD
 Sample : VU0402WBS01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0402WBS01

Quant Time: Apr 04 09:05:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U033122W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 04 09:00:10 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 04/04/2022
 Supervised By : Mahesh Dadoda 04/05/2022

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

Internal Standards						
1) Pentafluorobenzene	5.375	168	298493	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	445607	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	433769	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	248902	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	174169	54.389	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 108.780%			
35) Dibromofluoromethane	5.292	113	158538	53.051	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.100%			
50) Toluene-d8	7.899	98	559312	51.951	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.900%			
62) 4-Bromofluorobenzene	10.632	95	208523	49.732	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.460%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	70387	21.067	ug/l	97
3) Chloromethane	1.523	50	73650	19.767	ug/l	97
4) Vinyl Chloride	1.607	62	73017	20.877	ug/l	98
5) Bromomethane	1.855	94	52426	22.761	ug/l	100
6) Chloroethane	1.935	64	46292	20.225	ug/l	98
7) Trichlorofluoromethane	2.141	101	98995	20.233	ug/l	94
8) Diethyl Ether	2.379	74	37944	20.257	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.584	101	60216	20.579	ug/l	99
10) Methyl Iodide	2.726	142	57114	19.914	ug/l	99
11) Tert butyl alcohol	3.173	59	82527m	91.970	ug/l	
12) 1,1-Dichloroethene	2.584	96	57983	20.310	ug/l	98
13) Acrolein	2.488	56	31095	74.848	ug/l	99
14) Allyl chloride	2.925	41	82929	20.434	ug/l	98
15) Acrylonitrile	3.311	53	204893	95.182	ug/l	99
16) Acetone	2.623	43	169669	72.671	ug/l	99
17) Carbon Disulfide	2.797	76	166687	19.817	ug/l	100
18) Methyl Acetate	2.948	43	93099	21.310	ug/l	99
19) Methyl tert-butyl Ether	3.366	73	185780	20.643	ug/l	99
20) Methylene Chloride	3.051	84	69434	20.025	ug/l	98
21) trans-1,2-Dichloroethene	3.356	96	64146	20.600	ug/l	97
22) Diisopropyl ether	3.993	45	172708	21.397	ug/l #	83
23) Vinyl Acetate	3.957	43	748593	102.240	ug/l	100
24) 1,1-Dichloroethane	3.874	63	113927	21.461	ug/l	100
25) 2-Butanone	4.700	43	266835	90.754	ug/l	96
26) 2,2-Dichloropropane	4.668	77	91716	19.494	ug/l	98
27) cis-1,2-Dichloroethene	4.671	96	74300	21.017	ug/l	98
28) Bromochloromethane	4.977	49	46224	24.342	ug/l	96
29) Tetrahydrofuran	5.047	42	170157	93.513	ug/l	100
30) Chloroform	5.092	83	121010	21.157	ug/l	97
31) Cyclohexane	5.391	56	97491	20.417	ug/l	96
32) 1,1,1-Trichloroethane	5.321	97	103984	21.082	ug/l	98
36) 1,1-Dichloropropene	5.530	75	84711	20.079	ug/l	97
37) Ethyl Acetate	4.803	43	99132	17.449	ug/l #	91
38) Carbon Tetrachloride	5.526	117	93495	20.779	ug/l	99
39) Methylcyclohexane	6.764	83	97674	18.936	ug/l	99
40) Benzene	5.777	78	260795	20.799	ug/l	98

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41) Methacrylonitrile	4.973	41	48671	18.974	ug/l	100
42) 1,2-Dichloroethane	5.796	62	91851	21.040	ug/l	99
43) Isopropyl Acetate	5.909	43	139477	19.564	ug/l	100
44) Trichloroethene	6.542	130	72880	20.047	ug/l	100
45) 1,2-Dichloropropane	6.793	63	65687	20.806	ug/l	100
46) Dibromomethane	6.919	93	51070	20.482	ug/l	98
47) Bromodichloromethane	7.105	83	96350	20.993	ug/l	99
48) Methyl methacrylate	6.960	41	65334	20.013	ug/l	97
49) 1,4-Dioxane	6.960	88	33810	339.060	ug/l #	1
51) 4-Methyl-2-Pentanone	7.790	43	495826	95.002	ug/l	99
52) Toluene	7.970	92	166149	20.716	ug/l	98
53) t-1,3-Dichloropropene	8.211	75	100795	19.702	ug/l	99
54) cis-1,3-Dichloropropene	7.607	75	106791	20.323	ug/l	99
55) 1,1,2-Trichloroethane	8.401	97	71072	20.719	ug/l	98
56) Ethyl methacrylate	8.333	69	95677	19.426	ug/l	98
57) 1,3-Dichloropropane	8.574	76	115955	20.775	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.465	63	32690	104.878	ug/l	100
59) 2-Hexanone	8.684	43	389911	91.096	ug/l	99
60) Dibromochloromethane	8.809	129	79511	20.184	ug/l	100
61) 1,2-Dibromoethane	8.925	107	78606	20.185	ug/l	98
64) Tetrachloroethene	8.555	164	64147	19.996	ug/l	97
65) Chlorobenzene	9.446	112	189851	20.525	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.536	131	69318	20.346	ug/l	100
67) Ethyl Benzene	9.571	91	307809	20.323	ug/l	99
68) m/p-Xylenes	9.693	106	246504	41.391	ug/l	97
69) o-Xylene	10.102	106	117696	20.637	ug/l	98
70) Styrene	10.115	104	197437	20.841	ug/l	99
71) Bromoform	10.291	173	68222	19.589	ug/l #	98
73) Isopropylbenzene	10.484	105	304161	20.895	ug/l	99
74) N-amyl acetate	10.320	43	109585	19.048	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.783	83	125114	20.584	ug/l	100
76) 1,2,3-Trichloropropane	10.825	75	137878	19.788	ug/l	98
77) Bromobenzene	10.783	156	89657	21.433	ug/l	95
78) n-propylbenzene	10.906	91	364736	20.972	ug/l	100
79) 2-Chlorotoluene	10.986	91	222139	21.256	ug/l	99
80) 1,3,5-Trimethylbenzene	11.089	105	259048	21.105	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.545	75	35868	18.323	ug/l	95
82) 4-Chlorotoluene	11.095	91	255079	21.010	ug/l	100
83) tert-Butylbenzene	11.420	119	255544	20.251	ug/l	100
84) 1,2,4-Trimethylbenzene	11.468	105	256634	21.040	ug/l	100
85) sec-Butylbenzene	11.642	105	311562	20.229	ug/l	100
86) p-Isopropyltoluene	11.793	119	268840	20.359	ug/l	100
87) 1,3-Dichlorobenzene	11.745	146	165980	19.930	ug/l	99
88) 1,4-Dichlorobenzene	11.838	146	168198	19.719	ug/l	99
89) n-Butylbenzene	12.208	91	235341	19.071	ug/l	99
90) Hexachloroethane	12.475	117	53526	20.038	ug/l	99
91) 1,2-Dichlorobenzene	12.211	146	162716	20.103	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.996	75	30049	19.844	ug/l	98
93) 1,2,4-Trichlorobenzene	13.841	180	114276	19.914	ug/l	99
94) Hexachlorobutadiene	14.021	225	53525	18.488	ug/l	99
95) Naphthalene	14.086	128	321391	18.795	ug/l	100
96) 1,2,3-Trichlorobenzene	14.330	180	112182	20.046	ug/l	100

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

