

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU033022\
 Data File : VU047759.D
 Acq On : 30 Mar 2022 11:16
 Operator : SY/MD
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Quant Time: Mar 31 02:20:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 02:19:22 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.375	168	290948	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	428603	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	415491	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	240528	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	17550	4.195	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	8.400%#
35) Dibromofluoromethane	5.295	113	14887	5.149	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	10.300%#
50) Toluene-d8	7.899	98	53765	4.937	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	9.880%#
62) 4-Bromofluorobenzene	10.632	95	18141	4.175	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	8.360%#

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.388	85	12820	3.601	ug/l	96
3) Chloromethane	1.523	50	17145	4.173	ug/l	97
4) Vinyl Chloride	1.607	62	14950	3.769	ug/l	97
5) Bromomethane	1.864	94	11896	5.346	ug/l	99
6) Chloroethane	1.941	64	9913	3.804	ug/l	96
7) Trichlorofluoromethane	2.144	101	23718	4.452	ug/l	99
8) Diethyl Ether	2.382	74	9496	4.485	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.584	101	13830	4.396	ug/l	94
10) Methyl Iodide	2.729	142	5453	1.447	ug/l	95
11) Tert butyl alcohol	3.366	59	22622m	25.864	ug/l	
12) 1,1-Dichloroethene	2.584	96	14023	4.544	ug/l	98
13) Acrolein	2.501	56	6303	58.403	ug/l	93
14) Allyl chloride	2.928	41	18661	3.492	ug/l	95
15) Acrylonitrile	3.334	53	52743	23.177	ug/l	99
16) Acetone	2.662	43	51949	23.239	ug/l	99
17) Carbon Disulfide	2.797	76	39973	4.690	ug/l	99
18) Methyl Acetate	2.964	43	22069	3.153	ug/l	96
19) Methyl tert-butyl Ether	3.369	73	39742	3.613	ug/l	96
20) Methylene Chloride	3.054	84	15700	4.215	ug/l	92
21) trans-1,2-Dichloroethene	3.359	96	14545	4.539	ug/l	94
22) Diisopropyl ether	3.999	45	37466	3.543	ug/l	98
23) Vinyl Acetate	3.964	43	160064	19.313	ug/l	98
24) 1,1-Dichloroethane	3.877	63	26262	4.144	ug/l	98
25) 2-Butanone	4.732	43	65664	22.074	ug/l	99
26) 2,2-Dichloropropane	4.671	77	21847	4.139	ug/l	99
27) cis-1,2-Dichloroethene	4.671	96	16184	4.290	ug/l	98
28) Bromochloromethane	4.980	49	8332	2.782	ug/l	97
29) Tetrahydrofuran	5.073	42	44400	24.144	ug/l	98
30) Chloroform	5.092	83	26660	4.209	ug/l	96
31) Cyclohexane	5.388	56	26056	4.445	ug/l #	84
32) 1,1,1-Trichloroethane	5.321	97	23170	4.311	ug/l	93
36) 1,1-Dichloropropene	5.530	75	19540	4.810	ug/l	100
37) Ethyl Acetate	4.816	43	26523	5.344	ug/l	96
38) Carbon Tetrachloride	5.530	117	20984	5.049	ug/l	96
39) Methylcyclohexane	6.764	83	22403	4.481	ug/l	96
40) Benzene	5.777	78	60269	4.984	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.983	41	11474	4.637	ug/l	95
42) 1,2-Dichloroethane	5.796	62	21545	4.943	ug/l	98
43) Isopropyl Acetate	5.919	43	31000	4.329	ug/l	98
44) Trichloroethene	6.546	130	16782	5.546	ug/l	96
45) 1,2-Dichloropropane	6.793	63	15568	4.833	ug/l	96
46) Dibromomethane	6.922	93	11574	5.086	ug/l	98
47) Bromodichloromethane	7.108	83	21397	4.990	ug/l	95
48) Methyl methacrylate	6.964	41	14194	4.273	ug/l	98
49) 1,4-Dioxane	7.102	88	9628m	110.060	ug/l	
51) 4-Methyl-2-Pentanone	7.800	43	116254	23.744	ug/l	97
52) Toluene	7.970	92	36441	4.851	ug/l	97
53) t-1,3-Dichloropropene	8.214	75	21519	4.389	ug/l	98
54) cis-1,3-Dichloropropene	7.610	75	22426	4.322	ug/l	95
55) 1,1,2-Trichloroethane	8.401	97	15478	4.903	ug/l	98
56) Ethyl methacrylate	8.337	69	20077	4.053	ug/l	96
57) 1,3-Dichloropropane	8.578	76	25694	4.597	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.468	63	3891	1.568	ug/l	96
59) 2-Hexanone	8.693	43	95435	24.569	ug/l	93
60) Dibromochloromethane	8.812	129	17620	5.280	ug/l	99
61) 1,2-Dibromoethane	8.925	107	18039	5.297	ug/l	98
64) Tetrachloroethene	8.555	164	15185	6.269	ug/l	98
65) Chlorobenzene	9.449	112	42520	5.210	ug/l	94
66) 1,1,1,2-Tetrachloroethane	9.536	131	15056	5.157	ug/l	97
67) Ethyl Benzene	9.571	91	66014	4.609	ug/l	99
68) m/p-Xylenes	9.693	106	51622	9.444	ug/l	99
69) o-Xylene	10.102	106	24861	4.668	ug/l	97
70) Styrene	10.115	104	38597	4.297	ug/l	98
71) Bromoform	10.295	173	14816	5.838	ug/l #	98
73) Isopropylbenzene	10.484	105	62152	4.041	ug/l	99
74) N-amyl acetate	10.327	43	23410	3.434	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.783	83	28895	4.684	ug/l	99
76) 1,2,3-Trichloropropane	10.825	75	31554	4.388	ug/l	99
77) Bromobenzene	10.783	156	19617	5.122	ug/l	96
78) n-propylbenzene	10.906	91	73947	3.893	ug/l	100
79) 2-Chlorotoluene	10.986	91	47585	4.232	ug/l	97
80) 1,3,5-Trimethylbenzene	11.089	105	52773	3.953	ug/l	98
81) trans-1,4-Dichloro-2-b...	10.549	75	7979	3.950	ug/l	92
82) 4-Chlorotoluene	11.098	91	54830	4.156	ug/l	99
83) tert-Butylbenzene	11.420	119	52650	4.132	ug/l	99
84) 1,2,4-Trimethylbenzene	11.468	105	52602	4.008	ug/l	100
85) sec-Butylbenzene	11.645	105	63857	3.806	ug/l	100
86) p-Isopropyltoluene	11.793	119	53657	3.812	ug/l	98
87) 1,3-Dichlorobenzene	11.748	146	38235	4.977	ug/l	99
88) 1,4-Dichlorobenzene	11.838	146	39369	5.072	ug/l	93
89) n-Butylbenzene	12.208	91	50069	3.709	ug/l	97
90) Hexachloroethane	12.475	117	11595	4.492	ug/l	99
91) 1,2-Dichlorobenzene	12.214	146	36217	4.859	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.999	75	6515	4.482	ug/l	97
93) 1,2,4-Trichlorobenzene	13.841	180	22906	4.377	ug/l	99
94) Hexachlorobutadiene	14.021	225	12545	5.371	ug/l	99
95) Naphthalene	14.089	128	59821	3.431	ug/l	100
96) 1,2,3-Trichlorobenzene	14.330	180	22756	4.376	ug/l	100

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

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