

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052622\
 Data File : VU048677.D
 Acq On : 26 May 2022 13:21
 Operator : SY/MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

Quant Time: May 27 05:38:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 27 05:29:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.375	168	243362	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	389362	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	372911	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.813	152	199996	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	70523	19.296	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	38.600%#
35) Dibromofluoromethane	5.292	113	54650	19.674	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	39.340%#
50) Toluene-d8	7.899	98	196455	19.730	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	39.460%#
62) 4-Bromofluorobenzene	10.632	95	74985	19.912	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	39.820%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	53917	19.353	ug/l	100
3) Chloromethane	1.524	50	69590	19.404	ug/l	100
4) Vinyl Chloride	1.604	62	65422	19.695	ug/l	100
5) Bromomethane	1.855	94	47006	22.678	ug/l	99
6) Chloroethane	1.935	64	38789	18.744	ug/l	99
7) Trichlorofluoromethane	2.141	101	87866	18.521	ug/l	97
8) Diethyl Ether	2.379	74	33611	19.199	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.581	101	50798	19.562	ug/l	97
10) Methyl Iodide	2.723	142	60947	17.797	ug/l	100
11) Tert butyl alcohol	3.186	59	87756	184.608	ug/l #	41
12) 1,1-Dichloroethene	2.581	96	49205	19.865	ug/l	99
13) Acrolein	2.488	56	28945	81.024	ug/l	97
14) Allyl chloride	2.925	41	93875	19.568	ug/l	98
15) Acrylonitrile	3.314	53	207179	103.093	ug/l	97
16) Acetone	2.626	43	172121	92.409	ug/l	98
17) Carbon Disulfide	2.794	76	135947	18.801	ug/l	99
18) Methyl Acetate	2.948	43	92221	19.720	ug/l	97
19) Methyl tert-butyl Ether	3.363	73	185350	19.722	ug/l	100
20) Methylene Chloride	3.044	84	60194	19.004	ug/l	97
21) trans-1,2-Dichloroethene	3.353	96	54480	19.228	ug/l	96
22) Diisopropyl ether	3.993	45	185644	20.978	ug/l	89
23) Vinyl Acetate	3.958	43	801875	104.585	ug/l	100
24) 1,1-Dichloroethane	3.874	63	110064	19.803	ug/l	100
25) 2-Butanone	4.700	43	273450	102.194	ug/l	99
26) 2,2-Dichloropropane	4.665	77	91955	18.442	ug/l	100
27) cis-1,2-Dichloroethene	4.668	96	64006	19.517	ug/l	99
28) Bromochloromethane	4.974	49	41968	19.251	ug/l	99
29) Tetrahydrofuran	5.051	42	176038	102.778	ug/l	98
30) Chloroform	5.089	83	111929	20.127	ug/l	100
31) Cyclohexane	5.388	56	92320	20.044	ug/l	96
32) 1,1,1-Trichloroethane	5.318	97	99229	19.668	ug/l	98
36) 1,1-Dichloropropene	5.527	75	77218	19.047	ug/l	99
37) Ethyl Acetate	4.806	43	100838	19.080	ug/l	97
38) Carbon Tetrachloride	5.527	117	87947	18.909	ug/l	97
39) Methylcyclohexane	6.764	83	84046	19.771	ug/l	98
40) Benzene	5.774	78	235063	19.639	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.974	41	53745	20.752	ug/l	99
42) 1,2-Dichloroethane	5.797	62	90454	19.306	ug/l	99
43) Isopropyl Acetate	5.912	43	149408	20.085	ug/l	99
44) Trichloroethene	6.543	130	61048	19.798	ug/l	99
45) 1,2-Dichloropropane	6.790	63	65196	21.637	ug/l	97
46) Dibromomethane	6.919	93	45343	20.142	ug/l	97
47) Bromodichloromethane	7.109	83	85810	18.849	ug/l	99
48) Methyl methacrylate	6.961	41	66754	19.990	ug/l	99
49) 1,4-Dioxane	6.970	88	29087	389.642	ug/l	98
51) 4-Methyl-2-Pentanone	7.790	43	522348	108.143	ug/l	99
52) Toluene	7.970	92	147120	20.550	ug/l	99
53) t-1,3-Dichloropropene	8.211	75	98777	20.114	ug/l	99
54) cis-1,3-Dichloropropene	7.607	75	102616	20.165	ug/l	97
55) 1,1,2-Trichloroethane	8.401	97	63288	20.030	ug/l	95
56) Ethyl methacrylate	8.334	69	92478	20.969	ug/l	99
57) 1,3-Dichloropropane	8.575	76	104952	19.736	ug/l	97
58) 2-Chloroethyl Vinyl ether	7.462	63	80237	92.963	ug/l	98
59) 2-Hexanone	8.684	43	410194	103.443	ug/l	100
60) Dibromochloromethane	8.813	129	69397	19.594	ug/l	99
61) 1,2-Dibromoethane	8.925	107	66830	19.206	ug/l	99
64) Tetrachloroethene	8.552	164	53714	18.745	ug/l	97
65) Chlorobenzene	9.446	112	159542	20.228	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.533	131	59637	19.920	ug/l	99
67) Ethyl Benzene	9.571	91	271493	20.409	ug/l	100
68) m/p-Xylenes	9.694	106	215293	41.381	ug/l	98
69) o-Xylene	10.102	106	102401	20.034	ug/l	100
70) Styrene	10.115	104	169320	20.139	ug/l	99
71) Bromoform	10.288	173	54201	19.581	ug/l #	100
73) Isopropylbenzene	10.485	105	269677	20.886	ug/l	98
74) N-amyl acetate	10.321	43	122029	21.861	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.784	83	109640	20.808	ug/l	98
76) 1,2,3-Trichloropropane	10.825	75	132076	23.975	ug/l	99
77) Bromobenzene	10.780	156	70441	20.314	ug/l	99
78) n-propylbenzene	10.906	91	324965	21.122	ug/l	99
79) 2-Chlorotoluene	10.986	91	196800	20.569	ug/l	99
80) 1,3,5-Trimethylbenzene	11.089	105	235551	20.978	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.546	75	33169	18.676	ug/l	98
82) 4-Chlorotoluene	11.095	91	230461	20.877	ug/l	97
83) tert-Butylbenzene	11.420	119	219606	20.378	ug/l	99
84) 1,2,4-Trimethylbenzene	11.468	105	236915	21.678	ug/l	99
85) sec-Butylbenzene	11.642	105	282689	20.968	ug/l	99
86) p-Isopropyltoluene	11.793	119	241619	20.869	ug/l	99
87) 1,3-Dichlorobenzene	11.745	146	137573	20.235	ug/l	100
88) 1,4-Dichlorobenzene	11.835	146	135876	19.344	ug/l	98
89) n-Butylbenzene	12.208	91	210611	20.701	ug/l	99
90) Hexachloroethane	12.475	117	43516	18.417	ug/l	99
91) 1,2-Dichlorobenzene	12.211	146	135380	19.711	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.996	75	29508	19.450	ug/l	99
93) 1,2,4-Trichlorobenzene	13.838	180	88856	19.715	ug/l	99
94) Hexachlorobutadiene	14.021	225	38851	17.985	ug/l	98
95) Naphthalene	14.086	128	279308	19.981	ug/l	99
96) 1,2,3-Trichlorobenzene	14.330	180	88312	19.784	ug/l	98

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

