

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052622\
 Data File : VU048671.D
 Acq On : 26 May 2022 10:43
 Operator : SY/MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

Quant Time: May 27 05:34:39 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	157960	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	224129	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	218889	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	130818	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	41427	17.463	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	34.920%#
35) Dibromofluoromethane	5.292	113	32077	20.061	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	40.120%#
50) Toluene-d8	7.899	98	103373	18.035	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	36.080%#
62) 4-Bromofluorobenzene	10.632	95	40156	18.525	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	37.040%#

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.385	85	29194	16.144	ug/l	96
3) Chloromethane	1.523	50	20266	8.706	ug/l	97
4) Vinyl Chloride	1.604	62	24215	11.231	ug/l	99
5) Bromomethane	1.858	94	25901	19.252	ug/l	96
6) Chloroethane	1.935	64	25429	18.932	ug/l	97
7) Trichlorofluoromethane	2.141	101	73860	23.987	ug/l	99
8) Diethyl Ether	2.379	74	29112	25.620	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.581	101	29112	17.272	ug/l	95
10) Methyl Iodide	2.726	142	43506	19.572	ug/l	96
11) Tert butyl alcohol	3.202	59	48028	155.659	ug/l #	44
12) 1,1-Dichloroethene	2.581	96	24978	15.536	ug/l	98
13) Acrolein	2.485	56	20412	88.030	ug/l	95
14) Allyl chloride	2.925	41	37966	12.192	ug/l #	82
15) Acrylonitrile	3.314	53	85707	65.706	ug/l	98
16) Acetone	2.633	43	97454	80.610	ug/l	96
17) Carbon Disulfide	2.797	76	68386	14.571	ug/l	99
18) Methyl Acetate	2.948	43	37149	12.239	ug/l	91
19) Methyl tert-butyl Ether	3.366	73	104888	17.194	ug/l	97
20) Methylene Chloride	3.047	84	31538	15.341	ug/l #	85
21) trans-1,2-Dichloroethene	3.356	96	30421	16.542	ug/l	96
22) Diisopropyl ether	3.993	45	77161	13.433	ug/l #	81
23) Vinyl Acetate	3.957	43	343063	68.935	ug/l #	94
24) 1,1-Dichloroethane	3.871	63	55610	15.415	ug/l	95
25) 2-Butanone	4.703	43	119723	68.934	ug/l	91
26) 2,2-Dichloropropane	4.668	77	60179	18.594	ug/l	98
27) cis-1,2-Dichloroethene	4.671	96	34667	16.286	ug/l	95
28) Bromochloromethane	4.973	49	17774	12.561	ug/l #	62
29) Tetrahydrofuran	5.054	42	66495	59.812	ug/l #	82
30) Chloroform	5.089	83	67905	18.812	ug/l	97
31) Cyclohexane	5.388	56	42144	14.097	ug/l #	86
32) 1,1,1-Trichloroethane	5.317	97	64240	19.617	ug/l	98
36) 1,1-Dichloropropene	5.530	75	44315	18.989	ug/l	99
37) Ethyl Acetate	4.806	43	43483	14.293	ug/l #	97
38) Carbon Tetrachloride	5.527	117	61021	22.792	ug/l	95
39) Methylcyclohexane	6.764	83	44514	18.192	ug/l	92
40) Benzene	5.777	78	119967	17.412	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.977	41	22702	15.228	ug/l	92
42) 1,2-Dichloroethane	5.797	62	57042	21.150	ug/l	99
43) Isopropyl Acetate	5.912	43	64593	15.085	ug/l	98
44) Trichloroethene	6.543	130	35941	20.248	ug/l	96
45) 1,2-Dichloropropane	6.797	63	28932	16.680	ug/l	98
46) Dibromomethane	6.919	93	24864	19.187	ug/l	95
47) Bromodichloromethane	7.105	83	52753	20.130	ug/l	99
48) Methyl methacrylate	6.961	41	30735	15.989	ug/l	92
49) 1,4-Dioxane	6.983	88	15920	370.480	ug/l	94
51) 4-Methyl-2-Pentanone	7.790	43	212342	76.371	ug/l	98
52) Toluene	7.970	92	79043	19.180	ug/l	99
53) t-1,3-Dichloropropene	8.211	75	56540	20.001	ug/l	98
54) cis-1,3-Dichloropropene	7.610	75	53675	18.323	ug/l	98
55) 1,1,2-Trichloroethane	8.401	97	34023	18.706	ug/l	94
56) Ethyl methacrylate	8.333	69	43916	17.299	ug/l #	92
57) 1,3-Dichloropropane	8.575	76	56043	18.308	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.462	63	36001	72.461	ug/l	92
59) 2-Hexanone	8.684	43	172507	75.574	ug/l	99
60) Dibromochloromethane	8.809	129	43170	21.174	ug/l	99
61) 1,2-Dibromoethane	8.922	107	37742	18.843	ug/l	100
64) Tetrachloroethene	8.555	164	35781	21.273	ug/l	96
65) Chlorobenzene	9.446	112	89901	19.419	ug/l	97
66) 1,1,1,2-Tetrachloroethane	9.536	131	38808	22.084	ug/l	95
67) Ethyl Benzene	9.571	91	151651	19.422	ug/l	99
68) m/p-Xylenes	9.694	106	124673	40.825	ug/l	99
69) o-Xylene	10.102	106	59348	19.781	ug/l	99
70) Styrene	10.115	104	99284	20.118	ug/l	97
71) Bromoform	10.292	173	36638	22.550	ug/l #	97
73) Isopropylbenzene	10.485	105	160230	18.972	ug/l	100
74) N-amyl acetate	10.321	43	51418	14.082	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.780	83	54313	15.759	ug/l	98
76) 1,2,3-Trichloropropane	10.825	75	67225	18.656	ug/l	98
77) Bromobenzene	10.784	156	45716	20.156	ug/l	87
78) n-propylbenzene	10.906	91	184134	18.297	ug/l	98
79) 2-Chlorotoluene	10.986	91	114875	18.356	ug/l	96
80) 1,3,5-Trimethylbenzene	11.086	105	144264	19.642	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.546	75	17665	15.206	ug/l	89
82) 4-Chlorotoluene	11.095	91	137611	19.058	ug/l	95
83) tert-Butylbenzene	11.420	119	138691	19.675	ug/l	100
84) 1,2,4-Trimethylbenzene	11.468	105	145541	20.359	ug/l	100
85) sec-Butylbenzene	11.642	105	168092	19.061	ug/l	97
86) p-Isopropyltoluene	11.793	119	154838	20.446	ug/l	99
87) 1,3-Dichlorobenzene	11.745	146	85513	19.229	ug/l	99
88) 1,4-Dichlorobenzene	11.835	146	90365	19.668	ug/l	99
89) n-Butylbenzene	12.208	91	161146	24.214	ug/l	99
90) Hexachloroethane	12.475	117	41894	27.106	ug/l	97
91) 1,2-Dichlorobenzene	12.211	146	101937	22.691	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.996	75	26778	26.985	ug/l	97
93) 1,2,4-Trichlorobenzene	13.838	180	81094	27.508	ug/l	99
94) Hexachlorobutadiene	14.018	225	38661	27.360	ug/l	100
95) Naphthalene	14.086	128	231122	25.277	ug/l	100
96) 1,2,3-Trichlorobenzene	14.330	180	83508	28.600	ug/l	97

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

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