

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021622\
 Data File : VU047157.D
 Acq On : 16 Feb 2022 12:17
 Operator : SY/MD
 Sample : VSTD02005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD020063

Quant Time: Feb 16 13:46:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR021622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 16 13:39:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	184654	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	193043	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	118931	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	340499	23.410	ug/L	0.00
7) Chloroethane-d5	1.919	69	265032	23.141	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.575	65	142461	23.228	ug/L	0.00
20) 2-Butanone-d5	4.642	46	895334	212.220	ug/L	0.00
24) Chloroform-d	5.070	84	572002	21.463	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.706	65	310847	20.402	ug/L	0.00
32) Benzene-d6	5.732	84	1183090	21.985	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.693	67	374682	23.171	ug/L	0.00
41) Toluene-d8	7.902	98	1150689	23.560	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.182	79	173405	23.186	ug/L	0.00
46) 2-Hexanone-d5	8.639	63	953925	217.252	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	351066	21.153	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	466161	21.279	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	332395	11.764	ug/L	100
3) Chloromethane	1.526	50	346634	14.245	ug/L	100
5) Vinyl chloride	1.610	62	362941	15.149	ug/L	100
6) Bromomethane	1.864	94	221890	15.387	ug/L	100
8) Chloroethane	1.941	64	211816	15.061	ug/L	99
9) Trichlorofluoromethane	2.144	101	447434	14.279	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.587	101	271280	17.006	ug/L	96
12) 1,1-Dichloroethene	2.587	96	256227	15.774	ug/L	88
13) Acetone	2.661	43	441258	111.556	ug/L	94
14) Carbon disulfide	2.800	76	855606	16.127	ug/L	99
15) Methyl Acetate	2.964	43	129849	16.252	ug/L	99
16) Methylene chloride	3.054	84	278284	14.080	ug/L	97
17) Methyl tert-butyl Ether	3.369	73	710883	15.003	ug/L	99
18) trans-1,2-Dichloroethene	3.359	96	277112	15.992	ug/L	97
19) 1,1-Dichloroethane	3.877	63	490229	15.356	ug/L	100
21) 2-Butanone	4.722	43	807380	134.537	ug/L	98
22) cis-1,2-Dichloroethene	4.674	96	303077	16.001	ug/L	99
23) Bromochloromethane	4.980	128	142786	15.147	ug/L	92
25) Chloroform	5.092	83	499479	14.484	ug/L	98
27) 1,2-Dichloroethane	5.800	62	344985	14.014	ug/L	98
29) 1,1,1-Trichloroethane	5.320	97	437690	13.712	ug/L	99
30) Cyclohexane	5.394	56	477776	18.094	ug/L	100
31) Carbon tetrachloride	5.529	117	390308	14.572	ug/L	100
33) Benzene	5.780	78	1145681	14.937	ug/L	100
34) Trichloroethene	6.546	95	308993	15.282	ug/L	96
35) Methylcyclohexane	6.767	83	528555	18.540	ug/L	96
37) 1,2-Dichloropropane	6.793	63	298821	15.273	ug/L	100
38) Bromodichloromethane	7.108	83	382858	14.137	ug/L	98
39) cis-1,3-Dichloropropene	7.610	75	486250	16.418	ug/L	98
40) 4-Methyl-2-pentanone	7.796	43	2149175	146.337	ug/L	99
42) Toluene	7.973	91	1296864	16.473	ug/L	98
44) trans-1,3-Dichloropropene	8.211	75	437384	15.936	ug/L	99

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45) 1,1,2-Trichloroethane	8.401	97	229913	13.626	ug/L	99
47) Tetrachloroethene	8.555	164	251177	17.555	ug/L	94
48) 2-Hexanone	8.690	43	1620721	147.767	ug/L	100
49) Dibromochloromethane	8.812	129	293002	15.055	ug/L	98
50) 1,2-Dibromoethane	8.925	107	233965	14.365	ug/L #	97
51) Chlorobenzene	9.449	112	832564	16.544	ug/L	98
52) Ethylbenzene	9.571	91	1426920	17.510	ug/L	98
53) m,p-Xylene	9.697	106	565431	18.112	ug/L	98
54) o-Xylene	10.102	106	551028	18.369	ug/L	99
55) Styrene	10.118	104	949912	18.256	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.783	83	321811	14.595	ug/L	95
59) Bromoform	10.291	173	186831	13.597	ug/L #	97
60) Isopropylbenzene	10.487	105	1454845	15.862	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	230100	11.649	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	979624	12.842	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	1263089	16.442	ug/L	98
64) 1,3-Dichlorobenzene	11.748	146	702325	15.752	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	700752	15.353	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	667455	14.925	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.995	75	54170	11.848	ug/L	84
69) 1,3,5-Trichlorobenzene	13.220	180	581234	17.225	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	529383	18.522	ug/L	99
71) Naphthalene	14.085	128	1057596	16.662	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	480958	16.998	ug/L	98

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

