

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020422\
 Data File : VU047044.D
 Acq On : 04 Feb 2022 13:53
 Operator : SY/MD
 Sample : VSTD02057
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD020057

Quant Time: Feb 05 01:01:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR020422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Feb 05 00:59:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	103995	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	114098	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	69305	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	261103	26.629	ug/L	0.00
7) Chloroethane-d5	1.919	69	191718	25.028	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.571	65	99024	25.899	ug/L	0.00
20) 2-Butanone-d5	4.632	46	588617	226.231	ug/L	0.00
24) Chloroform-d	5.067	84	419334	24.877	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.703	65	212287	23.545	ug/L	0.00
32) Benzene-d6	5.729	84	872538	24.808	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.693	67	261061	24.770	ug/L	0.00
41) Toluene-d8	7.899	98	803249	24.884	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.179	79	110052	24.086	ug/L	0.00
46) 2-Hexanone-d5	8.636	63	602212	240.109	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	229612	22.380	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	295895	22.125	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	192322	19.881	ug/L	100
3) Chloromethane	1.527	50	219791	25.151	ug/L	98
5) Vinyl chloride	1.607	62	226515	25.149	ug/L	100
6) Bromomethane	1.861	94	128476	23.521	ug/L	99
8) Chloroethane	1.938	64	128187	24.371	ug/L	95
9) Trichlorofluoromethane	2.141	101	283141	25.337	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	166038	25.040	ug/L	99
12) 1,1-Dichloroethene	2.584	96	158651	25.594	ug/L	93
13) Acetone	2.649	43	278240	194.153	ug/L	100
14) Carbon disulfide	2.797	76	467058	23.448	ug/L	99
15) Methyl Acetate	2.957	43	65431	20.759	ug/L	98
16) Methylene chloride	3.051	84	176136	23.548	ug/L	98
17) Methyl tert-butyl Ether	3.369	73	378511	23.288	ug/L	99
18) trans-1,2-Dichloroethene	3.356	96	163786	24.853	ug/L	98
19) 1,1-Dichloroethane	3.874	63	298342	26.131	ug/L	99
21) 2-Butanone	4.713	43	468153	205.404	ug/L	98
22) cis-1,2-Dichloroethene	4.671	96	183331	26.257	ug/L	99
23) Bromochloromethane	4.980	128	81477	23.926	ug/L	98
25) Chloroform	5.092	83	312123	18.345	ug/L	98
27) 1,2-Dichloroethane	5.796	62	191971	24.521	ug/L	100
29) 1,1,1-Trichloroethane	5.321	97	266506	24.986	ug/L	99
30) Cyclohexane	5.391	56	255782	24.799	ug/L	97
31) Carbon tetrachloride	5.530	117	226399	24.754	ug/L	96
33) Benzene	5.777	78	693304	24.999	ug/L	100
34) Trichloroethene	6.542	95	168752	23.758	ug/L	98
35) Methylcyclohexane	6.767	83	283909	24.683	ug/L	96
37) 1,2-Dichloropropane	6.793	63	177122	25.537	ug/L	98
38) Bromodichloromethane	7.108	83	221689	22.592	ug/L	100
39) cis-1,3-Dichloropropene	7.610	75	263411	25.598	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	1070059	227.430	ug/L	97
42) Toluene	7.970	91	745694	22.517	ug/L	98
44) trans-1,3-Dichloropropene	8.211	75	228625	24.814	ug/L	95

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45) 1,1,2-Trichloroethane	8.401	97	133182	23.242	ug/L	97
47) Tetrachloroethene	8.555	164	131292	22.884	ug/L	97
48) 2-Hexanone	8.687	43	796437	220.755	ug/L	97
49) Dibromochloromethane	8.812	129	156763	23.330	ug/L	100
50) 1,2-Dibromoethane	8.925	107	124722	22.073	ug/L	98
51) Chlorobenzene	9.449	112	460615	24.103	ug/L	99
52) Ethylbenzene	9.571	91	800191	25.991	ug/L	100
53) m,p-Xylene	9.697	106	326260	26.671	ug/L	100
54) o-Xylene	10.102	106	307366	25.869	ug/L	97
55) Styrene	10.115	104	548557	27.908	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.783	83	174955	23.016	ug/L	99
59) Bromoform	10.291	173	88564	20.994	ug/L	100
60) Isopropylbenzene	10.488	105	813454	25.050	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	125077	21.113	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	670035	25.841	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	692379	25.916	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	384689	23.313	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	386214	23.054	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	363773	22.846	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.999	75	25824	21.562	ug/L	96
69) 1,3,5-Trichlorobenzene	13.221	180	288990	22.554	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	252596	23.988	ug/L	97
71) Naphthalene	14.089	128	513655	24.780	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	243160	24.110	ug/L	97

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

