

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011822\
 Data File : VU046777.D
 Acq On : 18 Jan 2022 12:06
 Operator : SY/MD
 Sample : VSTD01048
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010048

Quant Time: Jan 19 06:01:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 19 05:54:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	131413	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	136814	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	79709	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	110385	10.548	ug/L	0.00
7) Chloroethane-d5	1.919	69	88176	10.605	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.571	65	44326	10.045	ug/L	0.00
20) 2-Butanone-d5	4.655	46	343636	109.453	ug/L	0.00
24) Chloroform-d	5.067	84	190257	10.013	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.706	65	104951	9.698	ug/L	0.00
32) Benzene-d6	5.729	84	394991	10.358	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.693	67	119096	10.385	ug/L	0.00
41) Toluene-d8	7.899	98	364470	10.488	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.179	79	52727	10.018	ug/L	0.00
46) 2-Hexanone-d5	8.639	63	331669	105.868	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	120935	10.161	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	143888	9.840	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	129751	6.980	ug/L	99
3) Chloromethane	1.523	50	105251	6.628	ug/L	98
5) Vinyl chloride	1.607	62	110970	7.045	ug/L	100
6) Bromomethane	1.864	94	69867	7.284	ug/L	100
8) Chloroethane	1.938	64	65505	7.109	ug/L	100
9) Trichlorofluoromethane	2.144	101	137096	6.687	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	81183	7.626	ug/L	94
12) 1,1-Dichloroethene	2.584	96	78620	7.291	ug/L	86
13) Acetone	2.690	43	170707	64.576	ug/L	66
14) Carbon disulfide	2.800	76	251164	7.154	ug/L	100
15) Methyl Acetate	2.967	43	39442	7.608	ug/L	91
16) Methylene chloride	3.051	84	87783	6.706	ug/L	91
17) Methyl tert-butyl Ether	3.366	73	221644	7.183	ug/L	97
18) trans-1,2-Dichloroethene	3.356	96	83293	7.294	ug/L	92
19) 1,1-Dichloroethane	3.874	63	141866	6.816	ug/L	99
21) 2-Butanone	4.735	43	282797	71.417	ug/L	93
22) cis-1,2-Dichloroethene	4.671	96	89576	7.169	ug/L	95
23) Bromochloromethane	4.980	128	44295	7.156	ug/L	86
25) Chloroform	5.092	83	160084	6.857	ug/L	96
27) 1,2-Dichloroethane	5.796	62	101254	6.382	ug/L	98
29) 1,1,1-Trichloroethane	5.321	97	130702	6.419	ug/L	97
30) Cyclohexane	5.391	56	135311	7.819	ug/L	96
31) Carbon tetrachloride	5.526	117	111727	6.519	ug/L	98
33) Benzene	5.777	78	337172	6.830	ug/L	100
34) Trichloroethene	6.542	95	87345	6.689	ug/L	94
35) Methylcyclohexane	6.764	83	151194	8.045	ug/L	94
37) 1,2-Dichloropropane	6.793	63	84324	6.774	ug/L #	97
38) Bromodichloromethane	7.108	83	108457	6.256	ug/L	98
39) cis-1,3-Dichloropropene	7.610	75	134370	7.051	ug/L	100
40) 4-Methyl-2-pentanone	7.796	43	627472	66.857	ug/L #	94
42) Toluene	7.970	91	365697	7.173	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	118260	6.723	ug/L	100

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45) 1,1,2-Trichloroethane	8.401	97	71867	6.646	ug/L	95
47) Tetrachloroethene	8.555	164	70322	7.408	ug/L	93
48) 2-Hexanone	8.690	43	471254	66.794	ug/L #	95
49) Dibromochloromethane	8.812	129	81992	6.559	ug/L	100
50) 1,2-Dibromoethane	8.925	107	72554	6.892	ug/L	98
51) Chlorobenzene	9.446	112	233044	7.070	ug/L	97
52) Ethylbenzene	9.571	91	391882	7.351	ug/L	98
53) m,p-Xylene	9.693	106	158471	7.720	ug/L	97
54) o-Xylene	10.102	106	152486	7.787	ug/L	97
55) Styrene	10.115	104	260285	7.711	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.783	83	95175	6.654	ug/L	96
59) Bromoform	10.291	173	52667	6.414	ug/L	98
60) Isopropylbenzene	10.484	105	405136	7.276	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	69886	5.917	ug/L	96
62) 1,3,5-Trimethylbenzene	11.089	105	340163	7.379	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	348370	7.492	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	192464	7.043	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	193017	6.892	ug/L	97
67) 1,2-Dichlorobenzene	12.214	146	184843	6.760	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.995	75	15223	5.628	ug/L	83
69) 1,3,5-Trichlorobenzene	13.217	180	153304	7.363	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	130231	7.350	ug/L	99
71) Naphthalene	14.085	128	278346	7.270	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	123894	7.158	ug/L	98

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

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