

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051521\
 Data File : VU043760.D
 Acq On : 14 May 2021 16:58
 Operator : SY/MD
 Sample : VSTD0.533
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.5133

Quant Time: May 15 00:29:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat May 15 00:28:02 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.257	114	237204	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.424	117	229063	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	114162	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	8755	0.46	ug/L	0.00
7) Chloroethane-d5	1.919	69	6361	0.46	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.572	65	3687	0.41	ug/L	0.00
20) 2-Butanone-d5	4.652	46	13582	2.65	ug/L	0.00
24) Chloroform-d	5.073	84	13946	0.40	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.713	65	7627	0.37	ug/L	0.00
32) Benzene-d6	5.736	84	28417	0.47	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.700	67	9569	0.46	ug/L	0.00
41) Toluene-d8	7.906	98	26399	0.47	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.186	79	3170	0.38	ug/L	0.00
46) 2-Hexanone-d5	8.646	63	13980	4.06	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.764	84	8056	0.48	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.202	152	11089	0.55	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.389	85	7732	0.47	ug/L	99
3) Chloromethane	1.520	50	10057	0.56	ug/L	99
5) Vinyl chloride	1.607	62	9223	0.54	ug/L	93
6) Bromomethane	1.861	94	6049	0.71	ug/L	100
8) Chloroethane	1.938	64	5423	0.51	ug/L	98
9) Trichlorofluoromethane	2.144	101	10755	0.43	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	7077	0.45	ug/L	98
12) 1,1-Dichloroethene	2.585	96	7039	0.51	ug/L	88
13) Acetone	2.652	43	8451	2.48	ug/L	96
14) Carbon disulfide	2.800	76	24887	0.66	ug/L	98
15) Methyl Acetate	2.961	43	2733	0.33	ug/L #	72
16) Methylene chloride	3.054	84	15085	0.69	ug/L	95
17) Methyl tert-butyl Ether	3.376	73	14844	0.39	ug/L #	91
18) trans-1,2-Dichloroethene	3.363	96	7522	0.52	ug/L	93
19) 1,1-Dichloroethane	3.881	63	13248	0.41	ug/L	98
21) 2-Butanone	4.729	43	16434	2.92	ug/L	90
22) cis-1,2-Dichloroethene	4.675	96	7769	0.47	ug/L	89
23) Bromochloromethane	4.987	128	3676	0.49	ug/L	86
25) Chloroform	5.096	83	13507	0.39	ug/L	94
27) 1,2-Dichloroethane	5.806	62	8064	0.36	ug/L #	93
29) 1,1,1-Trichloroethane	5.324	97	10409	0.39	ug/L	99
30) Cyclohexane	5.395	56	10798	0.48	ug/L	98
31) Carbon tetrachloride	5.533	117	9037	0.42	ug/L	93
33) Benzene	5.781	78	28868	0.47	ug/L	100
34) Trichloroethene	6.549	95	7814	0.50	ug/L	98
35) Methylcyclohexane	6.771	83	10288	0.48	ug/L	96
37) 1,2-Dichloropropane	6.800	63	7600	0.43	ug/L	98
38) Bromodichloromethane	7.112	83	8917	0.39	ug/L	93
39) cis-1,3-Dichloropropene	7.617	75	9304	0.39	ug/L	95
40) 4-Methyl-2-pentanone	7.803	43	45928	3.37	ug/L	99
42) Toluene	7.977	91	28251	0.43	ug/L	99
44) trans-1,3-Dichloropropene	8.218	75	8117	0.38	ug/L	90

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45) 1,1,2-Trichloroethane	8.408	97	5391	0.43	ug/L	98
47) Tetrachloroethene	8.562	164	5954	0.50	ug/L	95
48) 2-Hexanone	8.697	43	35028	3.50	ug/L	95
49) Dibromochloromethane	8.816	129	5903	0.40	ug/L	97
50) 1,2-Dibromoethane	8.932	107	5002	0.43	ug/L #	93
51) Chlorobenzene	9.453	112	19570	0.48	ug/L	97
52) Ethylbenzene	9.578	91	28807	0.42	ug/L	97
53) m,p-Xylene	9.700	106	10707	0.43	ug/L	93
54) o-Xylene	10.109	106	9955	0.41	ug/L	95
55) Styrene	10.121	104	15679	0.37	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.790	83	6993	0.43	ug/L	96
59) Bromoform	10.298	173	3443	0.42	ug/L	98
60) Isopropylbenzene	10.491	105	24758	0.39	ug/L	97
61) 1,2,3-Trichloropropane	10.832	75	5441	0.48	ug/L	92
62) 1,3,5-Trimethylbenzene	11.096	105	18509	0.37	ug/L	98
63) 1,2,4-Trimethylbenzene	11.472	105	19035	0.38	ug/L	100
64) 1,3-Dichlorobenzene	11.752	146	14920	0.48	ug/L	99
65) 1,4-Dichlorobenzene	11.842	146	15437	0.48	ug/L	98
67) 1,2-Dichlorobenzene	12.221	146	14460	0.46	ug/L	98
68) 1,2-Dibromo-3-chloropr...	13.002	75	1101	0.42	ug/L	97
69) 1,3,5-Trichlorobenzene	13.227	180	12532	0.51	ug/L	97
70) 1,2,4-trichlorobenzene	13.848	180	10575	0.52	ug/L	97
71) Naphthalene	14.096	128	18225	0.53	ug/L	98
72) 1,2,3-Trichlorobenzene	14.340	180	9901	0.52	ug/L	99

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

