

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062121\
 Data File : VU044253.D
 Acq On : 21 Jun 2021 11:45
 Operator : SY/MD
 Sample : VSTD02033
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD020133

Quant Time: Jun 22 01:19:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR062121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jun 22 01:16:56 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	156479	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.424	117	152960	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	87085	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	180774	18.08	ug/L	0.00
7) Chloroethane-d5	1.919	69	177723	22.68	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.572	65	92737	19.49	ug/L	0.00
20) 2-Butanone-d5	4.639	46	702368	218.19	ug/L	0.00
24) Chloroform-d	5.073	84	415525	20.69	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.710	65	236397	20.48	ug/L	0.00
32) Benzene-d6	5.736	84	809962	19.41	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.700	67	259711	18.86	ug/L	0.00
41) Toluene-d8	7.906	98	756500	19.85	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.186	79	119218	23.40	ug/L	0.00
46) 2-Hexanone-d5	8.645	63	604095	234.08	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.764	84	239062	21.34	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.198	152	316138	21.21	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	196507	19.94	ug/L	99
3) Chloromethane	1.524	50	220575	18.52	ug/L	99
5) Vinyl chloride	1.610	62	236044	19.42	ug/L	97
6) Bromomethane	1.864	94	148389	21.33	ug/L	98
8) Chloroethane	1.938	64	158403	24.18	ug/L	99
9) Trichlorofluoromethane	2.141	101	334528	26.47	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.585	101	200097	20.99	ug/L	99
12) 1,1-Dichloroethene	2.585	96	190765	20.41	ug/L	96
13) Acetone	2.649	43	300817	168.32	ug/L	92
14) Carbon disulfide	2.800	76	601860	20.09	ug/L	99
15) Methyl Acetate	2.961	43	89486	19.88	ug/L	99
16) Methylene chloride	3.054	84	213428	16.43	ug/L	97
17) Methyl tert-butyl Ether	3.372	73	573490	22.33	ug/L	100
18) trans-1,2-Dichloroethene	3.359	96	204795	20.69	ug/L	97
19) 1,1-Dichloroethane	3.880	63	393033	20.51	ug/L	99
21) 2-Butanone	4.720	43	728530	216.44	ug/L	99
22) cis-1,2-Dichloroethene	4.675	96	227561	21.14	ug/L	96
23) Bromochloromethane	4.983	128	104504	22.01	ug/L	94
25) Chloroform	5.099	83	400531	20.80	ug/L	99
27) 1,2-Dichloroethane	5.803	62	280342	22.14	ug/L	98
29) 1,1,1-Trichloroethane	5.324	97	365207	22.53	ug/L	99
30) Cyclohexane	5.398	56	371633	19.96	ug/L	98
31) Carbon tetrachloride	5.533	117	315773	23.33	ug/L	99
33) Benzene	5.784	78	849827	19.66	ug/L	100
34) Trichloroethene	6.549	95	230666	20.63	ug/L	99
35) Methylcyclohexane	6.771	83	384283	21.17	ug/L	99
37) 1,2-Dichloropropane	6.800	63	227328	19.57	ug/L	100
38) Bromodichloromethane	7.112	83	306899	22.09	ug/L	100
39) cis-1,3-Dichloropropene	7.613	75	376893	22.82	ug/L	99
40) 4-Methyl-2-pentanone	7.803	43	1804059	216.41	ug/L	99
42) Toluene	7.977	91	956539	20.83	ug/L	100
44) trans-1,3-Dichloropropene	8.218	75	341920	23.79	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.408	97	168918	21.01	ug/L	99
47) Tetrachloroethene	8.559	164	175263	22.28	ug/L	96
48) 2-Hexanone	8.697	43	1305239	220.93	ug/L	100
49) Dibromochloromethane	8.816	129	220336	24.71	ug/L	98
50) 1,2-Dibromoethane	8.932	107	168117	22.15	ug/L	98
51) Chlorobenzene	9.452	112	606369	21.24	ug/L	99
52) Ethylbenzene	9.575	91	1108046	21.95	ug/L	99
53) m,p-Xylene	9.700	106	421493	22.58	ug/L	99
54) o-Xylene	10.105	106	414410	23.05	ug/L	99
55) Styrene	10.121	104	732429	23.88	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.790	83	227771	22.03	ug/L	99
59) Bromoform	10.298	173	133949	24.87	ug/L	98
60) Isopropylbenzene	10.491	105	1123523	21.61	ug/L	99
61) 1,2,3-Trichloropropane	10.829	75	170774	20.28	ug/L	99
62) 1,3,5-Trimethylbenzene	11.092	105	991133	22.38	ug/L	99
63) 1,2,4-Trimethylbenzene	11.475	105	1023599	22.30	ug/L	100
64) 1,3-Dichlorobenzene	11.751	146	514692	21.22	ug/L	99
65) 1,4-Dichlorobenzene	11.841	146	517785	21.18	ug/L	99
67) 1,2-Dichlorobenzene	12.218	146	482231	21.20	ug/L	99
68) 1,2-Dibromo-3-chloropr...	13.002	75	46314	25.27	ug/L	97
69) 1,3,5-Trichlorobenzene	13.224	180	403575	22.44	ug/L	99
70) 1,2,4-trichlorobenzene	13.845	180	354345	24.86	ug/L	100
71) Naphthalene	14.092	128	676490	27.81	ug/L	100
72) 1,2,3-Trichlorobenzene	14.337	180	310728	24.47	ug/L	99

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

