

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050321\
 Data File : VU043477.D
 Acq On : 03 May 2021 09:41
 Operator : SY/MD
 Sample : VSTD0.532
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.5132

Quant Time: May 04 07:23:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR050321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue May 04 07:22:33 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	95616	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.426	117	95682	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.822	152	45965	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	3999	0.74	ug/L	0.00
7) Chloroethane-d5	1.919	69	2777	0.58	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.571	65	1889	0.64	ug/L	0.00
20) 2-Butanone-d5	4.658	46	9217	4.09	ug/L	0.00
24) Chloroform-d	5.076	84	7822	0.61	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.713	65	4616	0.54	ug/L	0.00
32) Benzene-d6	5.738	84	11978	0.52	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.703	67	4384	0.56	ug/L	0.00
41) Toluene-d8	7.909	98	10519	0.45	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.189	79	1688	0.50	ug/L	0.00
46) 2-Hexanone-d5	8.645	63	6161	3.74	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.764	84	3626	0.53	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.201	152	4367	0.55	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	3067	0.50	ug/L	95
3) Chloromethane	1.520	50	3711	0.60	ug/L	99
5) Vinyl chloride	1.607	62	2999	0.48	ug/L	93
6) Bromomethane	1.861	94	1405	0.39	ug/L	89
8) Chloroethane	1.938	64	2069	0.46	ug/L	90
9) Trichlorofluoromethane	2.141	101	4666	0.41	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.587	101	2670	0.42	ug/L	98
12) 1,1-Dichloroethene	2.584	96	2338	0.44	ug/L	83
13) Acetone	2.661	43	6461	3.97	ug/L	92
14) Carbon disulfide	2.796	76	6433	0.48	ug/L	99
15) Methyl Acetate	2.964	43	1271	0.39	ug/L #	70
16) Methylene chloride	3.054	84	5883	0.84	ug/L	92
17) Methyl tert-butyl Ether	3.378	73	6574	0.38	ug/L	96
18) trans-1,2-Dichloroethene	3.362	96	2397	0.43	ug/L	98
19) 1,1-Dichloroethane	3.877	63	5955	0.47	ug/L	92
21) 2-Butanone	4.739	43	8989	3.41	ug/L	79
22) cis-1,2-Dichloroethene	4.677	96	2793	0.42	ug/L	98
23) Bromochloromethane	4.986	128	1159	0.38	ug/L #	74
25) Chloroform	5.095	83	6935	0.52	ug/L	95
27) 1,2-Dichloroethane	5.806	62	4303	0.44	ug/L #	95
29) 1,1,1-Trichloroethane	5.321	97	5007	0.43	ug/L	95
30) Cyclohexane	5.394	56	3315	0.34	ug/L	99
31) Carbon tetrachloride	5.536	117	4270	0.44	ug/L	93
33) Benzene	5.784	78	10721	0.42	ug/L	100
34) Trichloroethene	6.555	95	2873	0.41	ug/L	96
35) Methylcyclohexane	6.771	83	3227	0.34	ug/L	94
37) 1,2-Dichloropropane	6.800	63	3326	0.46	ug/L #	90
38) Bromodichloromethane	7.111	83	4372	0.45	ug/L	99
39) cis-1,3-Dichloropropene	7.616	75	4041	0.39	ug/L	97
40) 4-Methyl-2-pentanone	7.803	43	23708	3.63	ug/L	99
42) Toluene	7.976	91	10517	0.37	ug/L	95
44) trans-1,3-Dichloropropene	8.217	75	3427	0.35	ug/L #	72

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.410	97	2244	0.42	ug/L	96
47) Tetrachloroethene	8.562	164	2068	0.38	ug/L	91
48) 2-Hexanone	8.697	43	16868	3.49	ug/L	99
49) Dibromochloromethane	8.819	129	2775	0.41	ug/L	96
50) 1,2-Dibromoethane	8.934	107	2237	0.42	ug/L #	87
51) Chlorobenzene	9.455	112	7468	0.42	ug/L	92
52) Ethylbenzene	9.578	91	10619	0.33	ug/L	97
53) m,p-Xylene	9.700	106	3673	0.31	ug/L	95
54) o-Xylene	10.108	106	3595	0.31	ug/L	95
55) Styrene	10.121	104	5859	0.29	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.790	83	3146	0.44	ug/L	99
59) Bromoform	10.304	173	1524	0.41	ug/L #	80
60) Isopropylbenzene	10.491	105	9443	0.33	ug/L	99
61) 1,2,3-Trichloropropane	10.832	75	2097	0.44	ug/L	94
62) 1,3,5-Trimethylbenzene	11.098	105	6774	0.30	ug/L	96
63) 1,2,4-Trimethylbenzene	11.475	105	6757	0.29	ug/L	97
64) 1,3-Dichlorobenzene	11.754	146	5027	0.37	ug/L	99
65) 1,4-Dichlorobenzene	11.844	146	5501	0.40	ug/L	92
67) 1,2-Dichlorobenzene	12.221	146	5892	0.44	ug/L	100
68) 1,2-Dibromo-3-chloropr...	13.005	75	481	0.42	ug/L	86
69) 1,3,5-Trichlorobenzene	13.230	180	3818	0.34	ug/L	98
70) 1,2,4-trichlorobenzene	13.847	180	3201	0.35	ug/L	100
71) Naphthalene	14.098	128	4693	0.30	ug/L #	96
72) 1,2,3-Trichlorobenzene	14.339	180	2798	0.33	ug/L	95

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

