

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050321\
 Data File : VU043478.D
 Acq On : 03 May 2021 10:05
 Operator : SY/MD
 Sample : VSTD00133
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD001133

Quant Time: May 04 07:23:29 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	87823	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.426	117	90992	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	43870	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	6991	1.41	ug/L	0.00
7) Chloroethane-d5	1.916	69	5025	1.15	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.571	65	3559	1.30	ug/L	0.00
20) 2-Butanone-d5	4.658	46	20618	9.97	ug/L	0.00
24) Chloroform-d	5.073	84	12529	1.07	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.713	65	7918	1.01	ug/L	0.00
32) Benzene-d6	5.735	84	22339	1.02	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.700	67	8243	1.11	ug/L	0.00
41) Toluene-d8	7.906	98	20688	0.92	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.189	79	3030	0.94	ug/L	0.00
46) 2-Hexanone-d5	8.645	63	11753	7.50	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.764	84	6312	0.98	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.201	152	7208	0.96	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	6009	1.07	ug/L	100
3) Chloromethane	1.520	50	6930	1.23	ug/L	98
5) Vinyl chloride	1.607	62	6393	1.10	ug/L	98
6) Bromomethane	1.861	94	3004	0.92	ug/L	100
8) Chloroethane	1.938	64	3745	0.90	ug/L	91
9) Trichlorofluoromethane	2.141	101	9743	0.94	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	6074	1.05	ug/L	96
12) 1,1-Dichloroethene	2.581	96	5240	1.08	ug/L	90
13) Acetone	2.678	43	14488	9.69	ug/L	75
14) Carbon disulfide	2.797	76	12920	1.04	ug/L	95
15) Methyl Acetate	2.970	43	3854	1.30	ug/L #	88
16) Methylene chloride	3.054	84	9580	1.49	ug/L	98
17) Methyl tert-butyl Ether	3.375	73	14247	0.90	ug/L	98
18) trans-1,2-Dichloroethene	3.359	96	5544	1.08	ug/L	86
19) 1,1-Dichloroethane	3.877	63	13126	1.14	ug/L	99
21) 2-Butanone	4.739	43	24423	10.10	ug/L #	68
22) cis-1,2-Dichloroethene	4.674	96	6312	1.03	ug/L	92
23) Bromochloromethane	4.983	128	2879	1.03	ug/L	91
25) Chloroform	5.095	83	13742	1.13	ug/L	99
27) 1,2-Dichloroethane	5.806	62	9365	1.05	ug/L	100
29) 1,1,1-Trichloroethane	5.327	97	11292	1.02	ug/L	99
30) Cyclohexane	5.394	56	8065	0.86	ug/L #	89
31) Carbon tetrachloride	5.536	117	8885	0.96	ug/L	97
33) Benzene	5.784	78	23772	0.98	ug/L	100
34) Trichloroethene	6.552	95	6021	0.91	ug/L	96
35) Methylcyclohexane	6.771	83	7017	0.78	ug/L	97
37) 1,2-Dichloropropane	6.800	63	7053	1.02	ug/L #	93
38) Bromodichloromethane	7.115	83	9495	1.03	ug/L #	98
39) cis-1,3-Dichloropropene	7.613	75	9190	0.93	ug/L	99
40) 4-Methyl-2-pentanone	7.803	43	54720	8.81	ug/L	97
42) Toluene	7.976	91	23997	0.89	ug/L	98
44) trans-1,3-Dichloropropene	8.221	75	8727	0.93	ug/L	95

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45) 1,1,2-Trichloroethane	8.407	97	5268	1.03	ug/L	93
47) Tetrachloroethene	8.558	164	4305	0.83	ug/L	93
48) 2-Hexanone	8.697	43	39231	8.52	ug/L	98
49) Dibromochloromethane	8.819	129	6017	0.94	ug/L	93
50) 1,2-Dibromoethane	8.931	107	4521	0.90	ug/L #	98
51) Chlorobenzene	9.452	112	15552	0.91	ug/L	98
52) Ethylbenzene	9.578	91	23830	0.79	ug/L	95
53) m,p-Xylene	9.703	106	8697	0.78	ug/L	90
54) o-Xylene	10.108	106	8232	0.75	ug/L	88
55) Styrene	10.121	104	13934	0.73	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.790	83	6671	0.99	ug/L #	96
59) Bromoform	10.301	173	3166	0.90	ug/L #	98
60) Isopropylbenzene	10.491	105	22753	0.84	ug/L	99
61) 1,2,3-Trichloropropane	10.832	75	4726	1.04	ug/L	99
62) 1,3,5-Trimethylbenzene	11.095	105	16795	0.77	ug/L	99
63) 1,2,4-Trimethylbenzene	11.475	105	15748	0.70	ug/L	99
64) 1,3-Dichlorobenzene	11.751	146	12250	0.94	ug/L	98
65) 1,4-Dichlorobenzene	11.844	146	12583	0.95	ug/L	99
67) 1,2-Dichlorobenzene	12.221	146	11835	0.93	ug/L	98
68) 1,2-Dibromo-3-chloropr...	13.005	75	1136	1.04	ug/L	96
69) 1,3,5-Trichlorobenzene	13.227	180	9651	0.91	ug/L	99
70) 1,2,4-trichlorobenzene	13.848	180	7384	0.85	ug/L	99
71) Naphthalene	14.095	128	11025	0.74	ug/L	98
72) 1,2,3-Trichlorobenzene	14.339	180	6891	0.85	ug/L	99

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

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