

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081821\
 Data File : VU044442.D
 Acq On : 18 Aug 2021 11:19
 Operator : SY/MD
 Sample : VSTD0.515
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.5015

Manual Integrations
 APPROVED

MMDadoda
 8/19/2021 3:31:12 PM

Quant Time: Aug 19 03:40:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR081821WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Aug 19 03:40:19 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	114939	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.426	117	117898	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	54250	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	5081	0.547	ug/L	0.00
7) Chloroethane-d5	1.919	69	4340	0.537	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.571	65	1944	0.492	ug/L	0.00
20) 2-Butanone-d5	4.649	46	11818m	4.597	ug/L	0.00
24) Chloroform-d	5.070	84	8459	0.515	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.713	65	4763	0.531	ug/L	0.00
32) Benzene-d6	5.739	84	16204	0.488	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.700	67	5220	0.491	ug/L	0.00
41) Toluene-d8	7.906	98	14041	0.477	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.189	79	1695	0.444	ug/L	0.00
46) 2-Hexanone-d5	8.648	63	8275	4.012	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.767	84	4476	0.500	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.198	152	4488	0.490	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	5315	0.450	ug/L	99
3) Chloromethane	1.520	50	8884	0.574	ug/L	98
5) Vinyl chloride	1.607	62	6645	0.464	ug/L #	79
6) Bromomethane	1.861	94	3635	0.467	ug/L	90
8) Chloroethane	1.938	64	4172	0.477	ug/L	95
9) Trichlorofluoromethane	2.144	101	7625	0.466	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.587	101	3896	0.433	ug/L	95
12) 1,1-Dichloroethene	2.584	96	3927	0.445	ug/L	91
13) Acetone	2.642	43	13099m	8.513	ug/L	
14) Carbon disulfide	2.800	76	12889	0.450	ug/L	99
15) Methyl Acetate	2.964	43	1536m	0.441	ug/L	
16) Methylene chloride	3.054	84	9829	0.749	ug/L	96
17) Methyl tert-butyl Ether	3.372	73	9768	0.428	ug/L	99
18) trans-1,2-Dichloroethene	3.359	96	3940	0.428	ug/L	98
19) 1,1-Dichloroethane	3.880	63	8234	0.461	ug/L	93
21) 2-Butanone	4.729	43	13084m	4.301	ug/L	
22) cis-1,2-Dichloroethene	4.677	96	4337	0.441	ug/L	93
23) Bromochloromethane	4.983	128	1893	0.436	ug/L	83
25) Chloroform	5.095	83	8447	0.461	ug/L	97
27) 1,2-Dichloroethane	5.803	62	5549	0.454	ug/L	97
29) 1,1,1-Trichloroethane	5.327	97	6121	0.415	ug/L	98
30) Cyclohexane	5.394	56	6477	0.397	ug/L	95
31) Carbon tetrachloride	5.533	117	5241	0.432	ug/L	99
33) Benzene	5.780	78	17157	0.429	ug/L	100
34) Trichloroethene	6.546	95	4289	0.434	ug/L	97
35) Methylcyclohexane	6.771	83	6464	0.392	ug/L	96
37) 1,2-Dichloropropane	6.800	63	4415	0.422	ug/L #	92
38) Bromodichloromethane	7.115	83	5515	0.429	ug/L	88
39) cis-1,3-Dichloropropene	7.616	75	5804	0.395	ug/L	92
40) 4-Methyl-2-pentanone	7.803	43	27336	3.844	ug/L	98
42) Toluene	7.976	91	17181	0.412	ug/L	97
44) trans-1,3-Dichloropropene	8.217	75	4707	0.378	ug/L	90

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45) 1,1,2-Trichloroethane	8.410	97	3008	0.403	ug/L	95
47) Tetrachloroethene	8.562	164	2948	0.431	ug/L	94
48) 2-Hexanone	8.700	43	19788	3.899	ug/L #	94
49) Dibromochloromethane	8.819	129	3139	0.397	ug/L	98
50) 1,2-Dibromoethane	8.931	107	2945	0.412	ug/L #	87
51) Chlorobenzene	9.455	112	11276	0.441	ug/L	96
52) Ethylbenzene	9.578	91	17385	0.395	ug/L	99
53) m,p-Xylene	9.703	106	6356	0.384	ug/L	97
54) o-Xylene	10.105	106	5977	0.371	ug/L	95
55) Styrene	10.121	104	9032	0.342	ug/L	86
57) 1,1,2,2-Tetrachloroethane	10.790	83	3934	0.400	ug/L #	98
59) Bromoform	10.298	173	1621	0.423	ug/L #	98
60) Isopropylbenzene	10.491	105	16534	0.418	ug/L	98
61) 1,2,3-Trichloropropane	10.832	75	3181	0.469	ug/L #	88
62) 1,3,5-Trimethylbenzene	11.095	105	12554	0.388	ug/L	100
63) 1,2,4-Trimethylbenzene	11.475	105	12681	0.382	ug/L	99
64) 1,3-Dichlorobenzene	11.754	146	7612	0.438	ug/L	95
65) 1,4-Dichlorobenzene	11.841	146	7935	0.452	ug/L	99
67) 1,2-Dichlorobenzene	12.221	146	7266	0.439	ug/L	98
68) 1,2-Dibromo-3-chloropr...	13.002	75	556	0.401	ug/L #	72
69) 1,3,5-Trichlorobenzene	13.227	180	5146	0.420	ug/L	96
70) 1,2,4-trichlorobenzene	13.851	180	3527	0.368	ug/L	97
71) Naphthalene	14.095	128	5719	0.313	ug/L	99
72) 1,2,3-Trichlorobenzene	14.339	180	3190	0.363	ug/L	97

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

