

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081821\
 Data File : VU044444.D
 Acq On : 18 Aug 2021 12:19
 Operator : SY/MD
 Sample : VSTD00517
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005017

Manual Integrations
 APPROVED

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

Quant Time: Aug 19 03:41:29 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	121865	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	123737	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	61894	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	46895	4.758	ug/L	0.00
7) Chloroethane-d5	1.916	69	41555	4.851	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.571	65	20375	4.860	ug/L	0.00
20) 2-Butanone-d5	4.639	46	132992	48.790	ug/L	0.00
24) Chloroform-d	5.070	84	84950	4.874	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.710	65	45648	4.803	ug/L	0.00
32) Benzene-d6	5.735	84	168918	4.848	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.697	67	53748	4.822	ug/L	0.00
41) Toluene-d8	7.902	98	149132	4.827	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.185	79	19877	4.965	ug/L	0.00
46) 2-Hexanone-d5	8.642	63	105726	48.839	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.761	84	44995	4.793	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.198	152	49917	4.773	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	66124	5.276	ug/L	100
3) Chloromethane	1.523	50	82714	5.038	ug/L	100
5) Vinyl chloride	1.607	62	80275	5.289	ug/L	100
6) Bromomethane	1.861	94	40479	4.906	ug/L	100
8) Chloroethane	1.938	64	47542	5.124	ug/L	100
9) Trichlorofluoromethane	2.144	101	89928	5.182	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	50505	5.289	ug/L	100
12) 1,1-Dichloroethene	2.584	96	48514	5.180	ug/L	100
13) Acetone	2.645	43	105738m	64.815	ug/L	
14) Carbon disulfide	2.800	76	156934	5.166	ug/L	100
15) Methyl Acetate	2.961	43	21128	5.715	ug/L	100
16) Methylene chloride	3.054	84	59748	4.294	ug/L	100
17) Methyl tert-butyl Ether	3.372	73	127879	5.280	ug/L	100
18) trans-1,2-Dichloroethene	3.359	96	50929	5.219	ug/L	100
19) 1,1-Dichloroethane	3.877	63	97568	5.158	ug/L	100
21) 2-Butanone	4.716	43	165391	51.277	ug/L	100
22) cis-1,2-Dichloroethene	4.674	96	55687	5.337	ug/L	100
23) Bromochloromethane	4.983	128	25077	5.452	ug/L	100
25) Chloroform	5.095	83	99198	5.111	ug/L	100
27) 1,2-Dichloroethane	5.803	62	68292	5.275	ug/L	100
29) 1,1,1-Trichloroethane	5.324	97	81183	5.242	ug/L	100
30) Cyclohexane	5.398	56	89795	5.245	ug/L	100
31) Carbon tetrachloride	5.533	117	66454	5.222	ug/L	100
33) Benzene	5.780	78	221856	5.285	ug/L	100
34) Trichloroethene	6.549	95	52890	5.096	ug/L	100
35) Methylcyclohexane	6.771	83	90619	5.235	ug/L	100
37) 1,2-Dichloropropane	6.800	63	57294	5.212	ug/L	100
38) Bromodichloromethane	7.111	83	71164	5.272	ug/L	100
39) cis-1,3-Dichloropropene	7.613	75	80316	5.210	ug/L	100
40) 4-Methyl-2-pentanone	7.800	43	395951	53.048	ug/L	100
42) Toluene	7.976	91	228355	5.222	ug/L	100
44) trans-1,3-Dichloropropene	8.218	75	68847	5.269	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.407	97	41745	5.325	ug/L	100
47) Tetrachloroethene	8.558	164	36895	5.141	ug/L	100
48) 2-Hexanone	8.693	43	280946	52.751	ug/L	100
49) Dibromochloromethane	8.816	129	44086	5.314	ug/L	100
50) 1,2-Dibromoethane	8.931	107	39153	5.222	ug/L	100
51) Chlorobenzene	9.452	112	139142	5.185	ug/L	100
52) Ethylbenzene	9.578	91	242915	5.259	ug/L	100
53) m,p-Xylene	9.700	106	92931	5.351	ug/L	100
54) o-Xylene	10.105	106	91242	5.394	ug/L	100
55) Styrene	10.121	104	147274	5.310	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.787	83	55629	5.390	ug/L	100
59) Bromoform	10.295	173	23176	5.300	ug/L	100
60) Isopropylbenzene	10.491	105	237539	5.259	ug/L	100
61) 1,2,3-Trichloropropane	10.828	75	39536	5.112	ug/L	100
62) 1,3,5-Trimethylbenzene	11.092	105	195639	5.297	ug/L	100
63) 1,2,4-Trimethylbenzene	11.471	105	203100	5.362	ug/L	100
64) 1,3-Dichlorobenzene	11.751	146	104041	5.245	ug/L	100
65) 1,4-Dichlorobenzene	11.841	146	103330	5.157	ug/L	100
67) 1,2-Dichlorobenzene	12.217	146	99938	5.287	ug/L	100
68) 1,2-Dibromo-3-chloropr...	13.002	75	8186	5.174	ug/L	100
69) 1,3,5-Trichlorobenzene	13.224	180	71381	5.112	ug/L	100
70) 1,2,4-trichlorobenzene	13.844	180	56980	5.206	ug/L	100
71) Naphthalene	14.092	128	108175	5.184	ug/L	100
72) 1,2,3-Trichlorobenzene	14.336	180	53123	5.301	ug/L	100

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

