

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081821\
 Data File : VU044446.D
 Acq On : 18 Aug 2021 13:09
 Operator : SY/MD
 Sample : VSTD02019
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD020019

Manual Integrations
 APPROVED

MMDadoda
 8/19/2021 3:31:26 PM

Quant Time: Aug 19 03:42:18 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	129291	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	130036	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	66661	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	199447	19.074	ug/L	0.00
7) Chloroethane-d5	1.916	69	178389	19.629	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.568	65	88791	19.961	ug/L	0.00
20) 2-Butanone-d5	4.636	46	609509	210.763	ug/L	0.00
24) Chloroform-d	5.070	84	371078	20.069	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.710	65	194568	19.297	ug/L	0.00
32) Benzene-d6	5.735	84	743618	20.308	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.697	67	235344	20.090	ug/L	0.00
41) Toluene-d8	7.906	98	670783	20.659	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.185	79	92328	21.946	ug/L	0.00
46) 2-Hexanone-d5	8.642	63	525093	230.811	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.761	84	200033	20.275	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.198	152	226660	20.125	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	280835	21.121	ug/L	100
3) Chloromethane	1.520	50	324647	18.637	ug/L	100
5) Vinyl chloride	1.607	62	331837	20.607	ug/L	99
6) Bromomethane	1.861	94	187647	21.438	ug/L	99
8) Chloroethane	1.935	64	202557	20.577	ug/L	98
9) Trichlorofluoromethane	2.141	101	385527	20.939	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	219036	21.621	ug/L	99
12) 1,1-Dichloroethene	2.584	96	210396	21.174	ug/L	96
13) Acetone	2.645	43	432532m	249.905	ug/L	
14) Carbon disulfide	2.797	76	697735	21.649	ug/L	100
15) Methyl Acetate	2.957	43	83533	21.298	ug/L	93
16) Methylene chloride	3.051	84	237102	16.061	ug/L	97
17) Methyl tert-butyl Ether	3.372	73	564985	21.986	ug/L	99
18) trans-1,2-Dichloroethene	3.359	96	223364	21.575	ug/L	99
19) 1,1-Dichloroethane	3.877	63	423783	21.115	ug/L	98
21) 2-Butanone	4.716	43	735589	214.961	ug/L	99
22) cis-1,2-Dichloroethene	4.674	96	243465	21.995	ug/L	99
23) Bromochloromethane	4.980	128	103177	21.143	ug/L	99
25) Chloroform	5.096	83	423114	20.548	ug/L	99
27) 1,2-Dichloroethane	5.800	62	287760	20.950	ug/L	98
29) 1,1,1-Trichloroethane	5.324	97	354078	21.755	ug/L	99
30) Cyclohexane	5.395	56	416991	23.177	ug/L	99
31) Carbon tetrachloride	5.533	117	289828	21.672	ug/L	100
33) Benzene	5.780	78	955501	21.658	ug/L	100
34) Trichloroethene	6.549	95	237713	21.794	ug/L	98
35) Methylcyclohexane	6.771	83	420919	23.138	ug/L	98
37) 1,2-Dichloropropane	6.800	63	249446	21.592	ug/L	100
38) Bromodichloromethane	7.112	83	305972	21.571	ug/L	100
39) cis-1,3-Dichloropropene	7.613	75	373079	23.027	ug/L	100
40) 4-Methyl-2-pentanone	7.800	43	1771949	225.901	ug/L	98
42) Toluene	7.976	91	1019931	22.194	ug/L	99
44) trans-1,3-Dichloropropene	8.218	75	323927	23.590	ug/L	100

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

45) 1,1,2-Trichloroethane	8.407	97	176817	21.463	ug/L	95
47) Tetrachloroethene	8.558	164	164111	21.759	ug/L	99
48) 2-Hexanone	8.693	43	1289510	230.393	ug/L	100
49) Dibromochloromethane	8.816	129	197595	22.666	ug/L	98
50) 1,2-Dibromoethane	8.931	107	169154	21.467	ug/L	98
51) Chlorobenzene	9.452	112	606545	21.506	ug/L	100
52) Ethylbenzene	9.574	91	1109879	22.862	ug/L	99
53) m,p-Xylene	9.700	106	422829	23.167	ug/L	99
54) o-Xylene	10.105	106	412297	23.191	ug/L	100
55) Styrene	10.121	104	720319	24.713	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.787	83	234452	21.615	ug/L	100
59) Bromoform	10.298	173	106047	22.517	ug/L	99
60) Isopropylbenzene	10.491	105	1091095	22.428	ug/L	100
61) 1,2,3-Trichloropropane	10.828	75	171755	20.619	ug/L	98
62) 1,3,5-Trimethylbenzene	11.092	105	938260	23.586	ug/L	99
63) 1,2,4-Trimethylbenzene	11.471	105	968616	23.746	ug/L	100
64) 1,3-Dichlorobenzene	11.751	146	460268	21.546	ug/L	99
65) 1,4-Dichlorobenzene	11.841	146	465571	21.572	ug/L	99
67) 1,2-Dichlorobenzene	12.217	146	440952	21.658	ug/L	98
68) 1,2-Dibromo-3-chloropr...	13.002	75	39371	23.106	ug/L	97
69) 1,3,5-Trichlorobenzene	13.224	180	342198	22.752	ug/L	99
70) 1,2,4-trichlorobenzene	13.844	180	291473	24.726	ug/L	99
71) Naphthalene	14.092	128	614527	27.342	ug/L	100
72) 1,2,3-Trichlorobenzene	14.336	180	266463	24.689	ug/L	99

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

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