

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052021\
 Data File : VU043878.D
 Acq On : 20 May 2021 20:28
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005151

Quant Time: May 21 01:21:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri May 21 01:15:23 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.257	114	232308	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.424	117	229968	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	131499	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	59976	3.50	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.00%
7) Chloroethane-d5	1.919	69	42369	3.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	70.80%
11) 1,1-Dichloroethene-d2	2.572	65	27440	3.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.20%
20) 2-Butanone-d5	4.646	46	179729	55.18	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.36%
24) Chloroform-d	5.073	84	121893	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.60%
26) 1,2-Dichloroethane-d4	5.710	65	63871	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.60%
32) Benzene-d6	5.736	84	268055	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
36) 1,2-Dichloropropane-d6	6.700	67	83625	4.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.80%
41) Toluene-d8	7.906	98	250583	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.00%
43) trans-1,3-Dichloroprop...	8.186	79	30279	4.38	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.60%
46) 2-Hexanone-d5	8.642	63	145350	46.70	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.40%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	69268	4.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.80%
66) 1,2-Dichlorobenzene-d4	12.202	152	97474	4.45	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.00%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.389	85	82491	4.88	ug/L	100
3) Chloromethane	1.520	50	86591	4.36	ug/L	99
5) Vinyl chloride	1.607	62	93919	4.76	ug/L	99
6) Bromomethane	1.861	94	47450	4.08	ug/L	99
8) Chloroethane	1.938	64	44550	4.02	ug/L	100
9) Trichlorofluoromethane	2.144	101	107811	4.71	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.585	101	78055	5.01	ug/L	97
12) 1,1-Dichloroethene	2.585	96	76982	5.02	ug/L	95
13) Acetone	2.652	43	118744	57.43	ug/L	98
14) Carbon disulfide	2.800	76	246576	4.81	ug/L	100
15) Methyl Acetate	2.964	43	29921	4.86	ug/L	93
16) Methylene chloride	3.054	84	107575	4.73	ug/L	96
17) Methyl tert-butyl Ether	3.376	73	161314	4.65	ug/L	99
18) trans-1,2-Dichloroethene	3.363	96	80197	4.98	ug/L	95
19) 1,1-Dichloroethane	3.880	63	145528	5.00	ug/L	99
21) 2-Butanone	4.723	43	201425	50.94	ug/L	97
22) cis-1,2-Dichloroethene	4.675	96	85607	5.06	ug/L	97
23) Bromochloromethane	4.983	128	40538	5.08	ug/L	92
25) Chloroform	5.099	83	159829	5.55	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	87407	4.92	ug/L	98
29) 1,1,1-Trichloroethane	5.324	97	122392	5.10	ug/L	98
30) Cyclohexane	5.398	56	121495	4.57	ug/L	97
31) Carbon tetrachloride	5.533	117	103218	5.15	ug/L	99
33) Benzene	5.784	78	337284	5.07	ug/L	100
34) Trichloroethene	6.549	95	84994	4.98	ug/L	97
35) Methylcyclohexane	6.771	83	127049	4.79	ug/L	97
37) 1,2-Dichloropropane	6.800	63	86972	5.00	ug/L	100
38) Bromodichloromethane	7.115	83	101060	4.98	ug/L	97
39) cis-1,3-Dichloropropene	7.613	75	108263	4.68	ug/L	100
40) 4-Methyl-2-pentanone	7.800	43	492633	44.40	ug/L	96
42) Toluene	7.977	91	364887	5.22	ug/L	99
44) trans-1,3-Dichloropropene	8.218	75	94183	4.72	ug/L	97
45) 1,1,2-Trichloroethane	8.408	97	61539	4.92	ug/L	97
47) Tetrachloroethene	8.559	164	72994	5.29	ug/L	99
48) 2-Hexanone	8.694	43	374479	45.49	ug/L	97
49) Dibromochloromethane	8.816	129	70728	5.07	ug/L	99
50) 1,2-Dibromoethane	8.932	107	58271	4.95	ug/L	99
51) Chlorobenzene	9.453	112	226609	5.19	ug/L	98
52) Ethylbenzene	9.578	91	363780	5.09	ug/L	99
53) m,p-Xylene	9.700	106	143126	5.26	ug/L	95
54) o-Xylene	10.108	106	136588	5.26	ug/L	97
55) Styrene	10.121	104	236500	5.40	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.790	83	76372	4.81	ug/L	98
59) Bromoform	10.298	173	40948	4.62	ug/L	99
60) Isopropylbenzene	10.491	105	357522	4.95	ug/L	99
61) 1,2,3-Trichloropropane	10.829	75	54402	4.34	ug/L	98
62) 1,3,5-Trimethylbenzene	11.096	105	280596	4.83	ug/L	100
63) 1,2,4-Trimethylbenzene	11.475	105	293491	4.93	ug/L	99
64) 1,3-Dichlorobenzene	11.751	146	191348	5.15	ug/L	98
65) 1,4-Dichlorobenzene	11.842	146	188798	5.05	ug/L	100
67) 1,2-Dichlorobenzene	12.218	146	178406	4.99	ug/L	98
68) 1,2-Dibromo-3-chloropr...	13.002	75	11235	4.36	ug/L	94
69) 1,3,5-Trichlorobenzene	13.227	180	149330	5.03	ug/L	97
70) 1,2,4-trichlorobenzene	13.848	180	118179	4.83	ug/L	99
71) Naphthalene	14.092	128	182810	4.24	ug/L	99
72) 1,2,3-Trichlorobenzene	14.337	180	113944	4.92	ug/L	100

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

