

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051821\
 Data File : VU043817.D
 Acq On : 18 May 2021 16:40
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005147

Quant Time: May 19 01:42:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 19 01:40:07 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	236779	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	232465	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	127600	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	73513	4.21	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.20%
7) Chloroethane-d5	1.916	69	49877	4.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.80%
11) 1,1-Dichloroethene-d2	2.572	65	32025	4.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.40%
20) 2-Butanone-d5	4.646	46	184252	55.50	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.00%
24) Chloroform-d	5.073	84	136950	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
26) 1,2-Dichloroethane-d4	5.710	65	66070	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.80%
32) Benzene-d6	5.736	84	281299	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
36) 1,2-Dichloropropane-d6	6.700	67	86971	4.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.40%
41) Toluene-d8	7.906	98	260512	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
43) trans-1,3-Dichloroprop...	8.186	79	32104	4.60	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.00%
46) 2-Hexanone-d5	8.642	63	148543	47.22	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.44%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	71098	4.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.20%
66) 1,2-Dichlorobenzene-d4	12.198	152	98142	4.62	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.40%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	89697	5.20	ug/L	100
3) Chloromethane	1.520	50	97524	4.82	ug/L	98
5) Vinyl chloride	1.607	62	100072	4.98	ug/L	98
6) Bromomethane	1.861	94	49518	4.18	ug/L	99
8) Chloroethane	1.938	64	52863	4.68	ug/L	99
9) Trichlorofluoromethane	2.141	101	118152	5.07	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	85738	5.40	ug/L	98
12) 1,1-Dichloroethene	2.584	96	83834	5.37	ug/L	94
13) Acetone	2.652	43	113472	53.84	ug/L	98
14) Carbon disulfide	2.800	76	264099	5.05	ug/L	99
15) Methyl Acetate	2.964	43	28042	4.47	ug/L	91
16) Methylene chloride	3.054	84	94906	4.09	ug/L	96
17) Methyl tert-butyl Ether	3.372	73	177359	5.01	ug/L	99
18) trans-1,2-Dichloroethene	3.359	96	85117	5.19	ug/L	97
19) 1,1-Dichloroethane	3.877	63	154368	5.21	ug/L	99
21) 2-Butanone	4.723	43	226029	56.09	ug/L	96
22) cis-1,2-Dichloroethene	4.674	96	90787	5.26	ug/L	97
23) Bromochloromethane	4.986	128	44007	5.41	ug/L	93
25) Chloroform	5.099	83	158068	5.38	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	93536	5.17	ug/L	98
29) 1,1,1-Trichloroethane	5.324	97	128991	5.32	ug/L	98
30) Cyclohexane	5.398	56	134561	5.00	ug/L	97
31) Carbon tetrachloride	5.533	117	107605	5.31	ug/L	100
33) Benzene	5.784	78	358129	5.33	ug/L	100
34) Trichloroethene	6.549	95	90255	5.23	ug/L	98
35) Methylcyclohexane	6.771	83	138660	5.17	ug/L	98
37) 1,2-Dichloropropane	6.800	63	91475	5.20	ug/L	100
38) Bromodichloromethane	7.115	83	108694	5.30	ug/L	98
39) cis-1,3-Dichloropropene	7.613	75	118678	5.08	ug/L	98
40) 4-Methyl-2-pentanone	7.800	43	530629	47.31	ug/L	97
42) Toluene	7.977	91	386627	5.47	ug/L	99
44) trans-1,3-Dichloropropene	8.218	75	101945	5.06	ug/L	97
45) 1,1,2-Trichloroethane	8.407	97	66030	5.22	ug/L	98
47) Tetrachloroethene	8.559	164	75185	5.39	ug/L	99
48) 2-Hexanone	8.694	43	396499	47.65	ug/L	98
49) Dibromochloromethane	8.819	129	75213	5.33	ug/L	100
50) 1,2-Dibromoethane	8.932	107	61104	5.14	ug/L	99
51) Chlorobenzene	9.452	112	235917	5.35	ug/L	99
52) Ethylbenzene	9.578	91	382068	5.29	ug/L	99
53) m,p-Xylene	9.700	106	152113	5.53	ug/L	95
54) o-Xylene	10.108	106	144160	5.49	ug/L	100
55) Styrene	10.121	104	250877	5.66	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.790	83	80913	5.04	ug/L	98
59) Bromoform	10.298	173	42963	5.00	ug/L	99
60) Isopropylbenzene	10.491	105	374587	5.35	ug/L	100
61) 1,2,3-Trichloropropane	10.829	75	59597	4.89	ug/L	98
62) 1,3,5-Trimethylbenzene	11.095	105	298654	5.30	ug/L	99
63) 1,2,4-Trimethylbenzene	11.475	105	309029	5.35	ug/L	98
64) 1,3-Dichlorobenzene	11.751	146	191296	5.30	ug/L	99
65) 1,4-Dichlorobenzene	11.841	146	190287	5.25	ug/L	100
67) 1,2-Dichlorobenzene	12.218	146	181385	5.23	ug/L	98
68) 1,2-Dibromo-3-chloropr...	13.002	75	11476	4.59	ug/L	98
69) 1,3,5-Trichlorobenzene	13.227	180	145545	5.05	ug/L	99
70) 1,2,4-trichlorobenzene	13.848	180	117144	4.94	ug/L	99
71) Naphthalene	14.092	128	187550	4.49	ug/L	99
72) 1,2,3-Trichlorobenzene	14.336	180	112869	5.02	ug/L	99

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

