

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012521\
 Data File : VU042194.D
 Acq On : 25 Jan 2021 15:08
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005260

Quant Time: Jan 25 17:13:58 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUTR012521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jan 25 17:02:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.257	114	107375	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	103422	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.822	152	56142	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	26307	4.87	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.40%
7) Chloroethane-d5	1.919	69	22623	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.00%
11) 1,1-Dichloroethene-d2	2.572	65	15004	4.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.00%
20) 2-Butanone-d5	4.649	46	122120	48.30	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.60%
24) Chloroform-d	5.073	84	69105	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
26) 1,2-Dichloroethane-d4	5.710	65	41514	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
32) Benzene-d6	5.736	84	124485	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
36) 1,2-Dichloropropane-d6	6.700	67	41093	4.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.80%
41) Toluene-d8	7.906	98	118066	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
43) trans-1,3-Dichloroprop...	8.189	79	20430	5.00	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.00%
46) 2-Hexanone-d5	8.646	63	97181	53.27	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.54%
56) 1,1,2,2-Tetrachloroeth...	10.768	84	36819	5.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.20%
66) 1,2-Dichlorobenzene-d4	12.202	152	49220	5.03	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.60%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	50291	5.36	ug/L	98
3) Chloromethane	1.524	50	45452	5.49	ug/L	97
5) Vinyl chloride	1.607	62	43502	5.26	ug/L	100
6) Bromomethane	1.861	94	24272	5.65	ug/L	98
8) Chloroethane	1.938	64	25921	5.44	ug/L	100
9) Trichlorofluoromethane	2.144	101	63158	5.47	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	39769	5.46	ug/L	93
12) 1,1-Dichloroethene	2.585	96	37696	5.54	ug/L	91
13) Acetone	2.662	43	72635	42.74	ug/L #	60
14) Carbon disulfide	2.800	76	123297	5.34	ug/L	98
15) Methyl Acetate	2.964	43	19066	4.53	ug/L	90
16) Methylene chloride	3.054	84	42919	5.16	ug/L	86
17) Methyl tert-butyl Ether	3.372	73	107571	5.45	ug/L #	95
18) trans-1,2-Dichloroethene	3.360	96	39465	5.43	ug/L	93
19) 1,1-Dichloroethane	3.880	63	75474	5.37	ug/L	98
21) 2-Butanone	4.726	43	159302	56.91	ug/L	81
22) cis-1,2-Dichloroethene	4.678	96	41607	5.31	ug/L	89
23) Bromochloromethane	4.987	128	19880	5.43	ug/L #	80
25) Chloroform	5.099	83	76262	5.24	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	56559	5.36	ug/L	97
29) 1,1,1-Trichloroethane	5.324	97	70477	5.27	ug/L	96
30) Cyclohexane	5.398	56	72441	5.27	ug/L	89
31) Carbon tetrachloride	5.533	117	61410	5.22	ug/L	99
33) Benzene	5.784	78	158199	5.24	ug/L	100
34) Trichloroethene	6.549	95	42702	5.29	ug/L	98
35) Methylcyclohexane	6.771	83	69133	5.28	ug/L	92
37) 1,2-Dichloropropane	6.800	63	42220	5.39	ug/L	100
38) Bromodichloromethane	7.115	83	57589	5.33	ug/L	97
39) cis-1,3-Dichloropropene	7.617	75	67198	5.30	ug/L	98
40) 4-Methyl-2-pentanone	7.803	43	374108	56.36	ug/L #	87
42) Toluene	7.977	91	170627	5.33	ug/L	100
44) trans-1,3-Dichloropropene	8.221	75	61955	5.38	ug/L	96
45) 1,1,2-Trichloroethane	8.411	97	31088	5.36	ug/L	97
47) Tetrachloroethene	8.562	164	35147	5.27	ug/L	95
48) 2-Hexanone	8.697	43	276409	57.63	ug/L #	86
49) Dibromochloromethane	8.819	129	40157	5.35	ug/L	94
50) 1,2-Dibromoethane	8.932	107	31631	5.34	ug/L #	98
51) Chlorobenzene	9.456	112	108362	5.26	ug/L	95
52) Ethylbenzene	9.578	91	194910	5.33	ug/L	96
53) m,p-Xylene	9.703	106	73370	5.36	ug/L	96
54) o-Xylene	10.109	106	70330	5.26	ug/L	92
55) Styrene	10.125	104	120975	5.38	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.793	83	40872	5.68	ug/L	98
59) Bromoform	10.301	173	25872	5.51	ug/L	99
60) Isopropylbenzene	10.494	105	192406	5.42	ug/L	98
61) 1,2,3-Trichloropropane	10.832	75	30113	5.57	ug/L	99
62) 1,3,5-Trimethylbenzene	11.099	105	159799	5.42	ug/L	98
63) 1,2,4-Trimethylbenzene	11.478	105	162424	5.54	ug/L	99
64) 1,3-Dichlorobenzene	11.755	146	90098	5.33	ug/L	99
65) 1,4-Dichlorobenzene	11.845	146	89860	5.27	ug/L	98
67) 1,2-Dichlorobenzene	12.221	146	86835	5.44	ug/L	98
68) 1,2-Dibromo-3-chloropr...	13.006	75	7983	5.64	ug/L	93
69) 1,3,5-Trichlorobenzene	13.227	180	73496	5.33	ug/L	99
70) 1,2,4-trichlorobenzene	13.848	180	59947	5.28	ug/L	99
71) Naphthalene	14.095	128	106950	5.54	ug/L	99
72) 1,2,3-Trichlorobenzene	14.340	180	56062	5.46	ug/L	99

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

