

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051121\
 Data File : VU043667.D
 Acq On : 11 May 2021 16:21
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005140

Quant Time: May 12 01:30:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR050321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 12 01:26:46 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	98562	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	98600	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	49715	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	26090	3.29	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.80%
7) Chloroethane-d5	1.919	69	22530	3.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.60%
11) 1,1-Dichloroethene-d2	2.571	65	13765	3.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.80%
20) 2-Butanone-d5	4.652	46	153215	62.27	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	124.54%
24) Chloroform-d	5.073	84	68224	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
26) 1,2-Dichloroethane-d4	5.713	65	42375	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
32) Benzene-d6	5.735	84	114331	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.80%
36) 1,2-Dichloropropane-d6	6.700	67	43939	4.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.00%
41) Toluene-d8	7.906	98	103286	4.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.20%
43) trans-1,3-Dichloroprop...	8.185	79	17066	4.52	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.40%
46) 2-Hexanone-d5	8.642	63	101574	64.18	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	128.36%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	39486	5.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.20%
66) 1,2-Dichlorobenzene-d4	12.198	152	39502	4.45	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.00%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	32214	4.83	ug/L	99
3) Chloromethane	1.523	50	35595	5.06	ug/L	96
5) Vinyl chloride	1.607	62	35092	5.26	ug/L	98
6) Bromomethane	1.864	94	18482	5.85	ug/L	95
8) Chloroethane	1.938	64	22179	5.15	ug/L	97
9) Trichlorofluoromethane	2.144	101	54608	5.25	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.587	101	33920	5.29	ug/L	98
12) 1,1-Dichloroethene	2.587	96	29017	5.27	ug/L	83
13) Acetone	2.668	43	88619	54.01	ug/L	95
14) Carbon disulfide	2.800	76	66018	4.79	ug/L	98
15) Methyl Acetate	2.967	43	19338	5.17	ug/L	97
16) Methylene chloride	3.054	84	40437	4.58	ug/L	99
17) Methyl tert-butyl Ether	3.372	73	90669	5.63	ug/L	99
18) trans-1,2-Dichloroethene	3.359	96	29822	5.19	ug/L	94
19) 1,1-Dichloroethane	3.880	63	73180	5.36	ug/L	97
21) 2-Butanone	4.729	43	157640	59.93	ug/L	100
22) cis-1,2-Dichloroethene	4.674	96	35035	5.19	ug/L	98
23) Bromochloromethane	4.983	128	16506	5.50	ug/L	85
25) Chloroform	5.099	83	73113	5.03	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	53502	5.42	ug/L	100
29) 1,1,1-Trichloroethane	5.324	97	61075	5.27	ug/L	98
30) Cyclohexane	5.398	56	49368	5.34	ug/L	99
31) Carbon tetrachloride	5.533	117	48303	5.08	ug/L	99
33) Benzene	5.783	78	140530	5.41	ug/L	100
34) Trichloroethene	6.549	95	36460	5.50	ug/L	94
35) Methylcyclohexane	6.771	83	45421	5.29	ug/L	98
37) 1,2-Dichloropropane	6.800	63	44820	5.78	ug/L	100
38) Bromodichloromethane	7.115	83	53512	5.33	ug/L	99
39) cis-1,3-Dichloropropene	7.616	75	56143	5.46	ug/L	99
40) 4-Methyl-2-pentanone	7.803	43	390180	61.49	ug/L	99
42) Toluene	7.976	91	149972	5.52	ug/L	99
44) trans-1,3-Dichloropropene	8.217	75	53134	5.67	ug/L	96
45) 1,1,2-Trichloroethane	8.407	97	30629	5.72	ug/L	98
47) Tetrachloroethene	8.558	164	25176	5.15	ug/L	97
48) 2-Hexanone	8.693	43	296336	62.95	ug/L	99
49) Dibromochloromethane	8.816	129	34761	5.37	ug/L	99
50) 1,2-Dibromoethane	8.931	107	27592	5.53	ug/L	96
51) Chlorobenzene	9.452	112	91800	5.32	ug/L	98
52) Ethylbenzene	9.578	91	156340	5.43	ug/L	99
53) m,p-Xylene	9.700	106	56943	5.44	ug/L	98
54) o-Xylene	10.108	106	55895	5.50	ug/L	99
55) Styrene	10.121	104	99919	5.61	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.790	83	41148	5.70	ug/L	98
59) Bromoform	10.298	173	19964	5.52	ug/L	97
60) Isopropylbenzene	10.491	105	152189	5.62	ug/L	100
61) 1,2,3-Trichloropropane	10.832	75	29559	5.88	ug/L	99
62) 1,3,5-Trimethylbenzene	11.095	105	122418	5.75	ug/L	100
63) 1,2,4-Trimethylbenzene	11.475	105	124636	5.85	ug/L	99
64) 1,3-Dichlorobenzene	11.751	146	75630	5.63	ug/L	97
65) 1,4-Dichlorobenzene	11.841	146	74296	5.39	ug/L	98
67) 1,2-Dichlorobenzene	12.217	146	71953	5.32	ug/L	98
68) 1,2-Dibromo-3-chloropr...	13.005	75	7099	5.92	ug/L	93
69) 1,3,5-Trichlorobenzene	13.227	180	56694	5.33	ug/L	99
70) 1,2,4-trichlorobenzene	13.847	180	46775	5.34	ug/L	99
71) Naphthalene	14.092	128	85671	5.67	ug/L	99
72) 1,2,3-Trichlorobenzene	14.336	180	46030	5.59	ug/L	99

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

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