

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042221\
 Data File : VU043284.D
 Acq On : 22 Apr 2021 17:36
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005144

Quant Time: Apr 22 23:42:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 22 23:39:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	99153	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.423	117	99606	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	53848	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	19433	3.85	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.00%
7) Chloroethane-d5	1.922	69	18123	3.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.40%
11) 1,1-Dichloroethene-d2	2.575	65	13726	4.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.00%
20) 2-Butanone-d5	4.665	46	134516	60.83	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.66%
24) Chloroform-d	5.073	84	66633	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.00%
26) 1,2-Dichloroethane-d4	5.713	65	42357	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
32) Benzene-d6	5.738	84	113711	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
36) 1,2-Dichloropropane-d6	6.700	67	39375	5.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.40%
41) Toluene-d8	7.906	98	104730	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.80%
43) trans-1,3-Dichloroprop...	8.185	79	14924	4.39	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.80%
46) 2-Hexanone-d5	8.645	63	83044	49.02	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.04%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	37414	5.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.60%
66) 1,2-Dichlorobenzene-d4	12.201	152	42586	4.61	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.20%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	16329	2.57	ug/L	97
3) Chloromethane	1.523	50	23697	3.79	ug/L	100
5) Vinyl chloride	1.610	62	23976	3.68	ug/L	100
6) Bromomethane	1.864	94	14876	3.83	ug/L	96
8) Chloroethane	1.941	64	16849	3.59	ug/L	98
9) Trichlorofluoromethane	2.147	101	48372	3.98	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.587	101	30934	4.72	ug/L	95
12) 1,1-Dichloroethene	2.587	96	28779	5.22	ug/L	83
13) Acetone	2.694	43	82003	50.47	ug/L	# 66
14) Carbon disulfide	2.803	76	80487	5.73	ug/L	98
15) Methyl Acetate	2.973	43	15693	5.14	ug/L	# 62
16) Methylene chloride	3.057	84	34457	4.83	ug/L	# 78
17) Methyl tert-butyl Ether	3.375	73	87432	4.85	ug/L	# 88
18) trans-1,2-Dichloroethene	3.362	96	30835	5.25	ug/L	84
19) 1,1-Dichloroethane	3.883	63	68072	5.32	ug/L	97
21) 2-Butanone	4.742	43	164549	61.36	ug/L	78
22) cis-1,2-Dichloroethene	4.677	96	35409	5.09	ug/L	83
23) Bromochloromethane	4.986	128	18231	5.74	ug/L	# 79
25) Chloroform	5.099	83	72478	5.31	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.806	62	56282	5.62	ug/L #	93
29) 1,1,1-Trichloroethane	5.327	97	62402	5.08	ug/L #	94
30) Cyclohexane	5.401	56	53240	5.05	ug/L #	83
31) Carbon tetrachloride	5.533	117	52558	5.13	ug/L	99
33) Benzene	5.783	78	142727	5.36	ug/L	100
34) Trichloroethene	6.549	95	36254	4.94	ug/L	97
35) Methylcyclohexane	6.771	83	47416	4.67	ug/L #	86
37) 1,2-Dichloropropane	6.800	63	41873	5.58	ug/L	98
38) Bromodichloromethane	7.115	83	52411	5.21	ug/L	96
39) cis-1,3-Dichloropropene	7.616	75	51382	4.69	ug/L	99
40) 4-Methyl-2-pentanone	7.803	43	408777	60.93	ug/L #	82
42) Toluene	7.976	91	157838	5.30	ug/L	98
44) trans-1,3-Dichloropropene	8.217	75	47647	4.61	ug/L	96
45) 1,1,2-Trichloroethane	8.407	97	30541	5.45	ug/L	96
47) Tetrachloroethene	8.561	164	29404	5.06	ug/L	95
48) 2-Hexanone	8.697	43	307975	62.39	ug/L #	83
49) Dibromochloromethane	8.816	129	36969	5.23	ug/L	99
50) 1,2-Dibromoethane	8.931	107	29522	5.30	ug/L #	99
51) Chlorobenzene	9.452	112	96545	5.09	ug/L	91
52) Ethylbenzene	9.578	91	165373	4.85	ug/L	99
53) m,p-Xylene	9.700	106	61280	4.92	ug/L	87
54) o-Xylene	10.108	106	59797	4.84	ug/L	93
55) Styrene	10.121	104	106607	5.04	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.790	83	42013	5.70	ug/L	99
59) Bromoform	10.298	173	23192	5.27	ug/L	96
60) Isopropylbenzene	10.491	105	163835	4.74	ug/L	97
61) 1,2,3-Trichloropropane	10.828	75	31904	5.73	ug/L	97
62) 1,3,5-Trimethylbenzene	11.095	105	128429	4.54	ug/L	97
63) 1,2,4-Trimethylbenzene	11.475	105	132612	4.56	ug/L	96
64) 1,3-Dichlorobenzene	11.751	146	79405	4.84	ug/L	100
65) 1,4-Dichlorobenzene	11.841	146	81302	4.89	ug/L	99
67) 1,2-Dichlorobenzene	12.217	146	79051	4.96	ug/L	95
68) 1,2-Dibromo-3-chloropr...	13.005	75	7279	5.38	ug/L	93
69) 1,3,5-Trichlorobenzene	13.227	180	61468	4.57	ug/L	98
70) 1,2,4-trichlorobenzene	13.847	180	51278	4.60	ug/L	98
71) Naphthalene	14.095	128	99017	5.27	ug/L	99
72) 1,2,3-Trichlorobenzene	14.336	180	51835	5.08	ug/L	98

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

