

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042021\
 Data File : VU043213.D
 Acq On : 20 Apr 2021 09:42
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005139

Quant Time: Apr 21 04:53:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 16 07:14:05 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	86719	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.426	117	86862	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	46841	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	22207	5.04	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.80%
7) Chloroethane-d5	1.919	69	21937	5.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.60%
11) 1,1-Dichloroethene-d2	2.571	65	14114	5.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	110.60%
20) 2-Butanone-d5	4.645	46	88710	45.87	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.74%
24) Chloroform-d	5.073	84	64744	5.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	115.40%
26) 1,2-Dichloroethane-d4	5.713	65	38557	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.60%
32) Benzene-d6	5.735	84	109234	5.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.00%
36) 1,2-Dichloropropane-d6	6.700	67	37044	5.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.40%
41) Toluene-d8	7.906	98	107501	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.20%
43) trans-1,3-Dichloroprop...	8.189	79	15802	5.34	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	106.80%
46) 2-Hexanone-d5	8.645	63	73699	49.89	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.78%
56) 1,1,2,2-Tetrachloroeth...	10.767	84	33447	5.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.40%
66) 1,2-Dichlorobenzene-d4	12.201	152	42148	5.25	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.00%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	34543	6.21	ug/L	100
3) Chloromethane	1.523	50	30920	5.65	ug/L	98
5) Vinyl chloride	1.607	62	31940	5.61	ug/L	98
6) Bromomethane	1.864	94	17754	5.22	ug/L	95
8) Chloroethane	1.938	64	20605	5.02	ug/L	98
9) Trichlorofluoromethane	2.144	101	60810	5.73	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.587	101	34071	5.95	ug/L	94
12) 1,1-Dichloroethene	2.587	96	28096	5.83	ug/L	88
13) Acetone	2.652	43	62994	44.33	ug/L	76
14) Carbon disulfide	2.800	76	72180	5.87	ug/L	98
15) Methyl Acetate	2.960	43	15965	5.97	ug/L	# 84
16) Methylene chloride	3.054	84	33262	5.33	ug/L	82
17) Methyl tert-butyl Ether	3.372	73	85403	5.42	ug/L	# 92
18) trans-1,2-Dichloroethene	3.362	96	29341	5.71	ug/L	90
19) 1,1-Dichloroethane	3.880	63	64467	5.76	ug/L	99
21) 2-Butanone	4.722	43	112077	47.78	ug/L	79
22) cis-1,2-Dichloroethene	4.677	96	33604	5.52	ug/L	91
23) Bromochloromethane	4.986	128	16581	5.97	ug/L	# 81
25) Chloroform	5.099	83	67797	5.68	ug/L	97

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

27) 1,2-Dichloroethane	5.803	62	50515	5.77	ug/L	96
29) 1,1,1-Trichloroethane	5.327	97	59908	5.59	ug/L #	92
30) Cyclohexane	5.398	56	52463	5.71	ug/L #	83
31) Carbon tetrachloride	5.533	117	50877	5.69	ug/L	100
33) Benzene	5.783	78	131963	5.68	ug/L	100
34) Trichloroethene	6.552	95	34666	5.42	ug/L	99
35) Methylcyclohexane	6.774	83	48904	5.52	ug/L #	87
37) 1,2-Dichloropropane	6.800	63	38020	5.81	ug/L	98
38) Bromodichloromethane	7.115	83	50493	5.75	ug/L	100
39) cis-1,3-Dichloropropene	7.616	75	53001	5.55	ug/L	99
40) 4-Methyl-2-pentanone	7.803	43	342903	58.61	ug/L #	84
42) Toluene	7.976	91	148708	5.73	ug/L	97
44) trans-1,3-Dichloropropene	8.221	75	50825	5.64	ug/L	98
45) 1,1,2-Trichloroethane	8.410	97	28663	5.87	ug/L	95
47) Tetrachloroethene	8.558	164	28493	5.62	ug/L	95
48) 2-Hexanone	8.697	43	259123	60.20	ug/L #	84
49) Dibromochloromethane	8.819	129	35673	5.79	ug/L	99
50) 1,2-Dibromoethane	8.931	107	27542	5.67	ug/L	98
51) Chlorobenzene	9.455	112	94091	5.68	ug/L	94
52) Ethylbenzene	9.578	91	165550	5.57	ug/L	98
53) m,p-Xylene	9.703	106	62211	5.72	ug/L	88
54) o-Xylene	10.108	106	60908	5.66	ug/L	89
55) Styrene	10.121	104	103633	5.62	ug/L	91
57) 1,1,2,2-Tetrachloroethane	10.790	83	37710	5.87	ug/L	98
59) Bromoform	10.301	173	22063	5.76	ug/L	99
60) Isopropylbenzene	10.491	105	164541	5.47	ug/L #	97
61) 1,2,3-Trichloropropane	10.832	75	27367	5.65	ug/L	97
62) 1,3,5-Trimethylbenzene	11.095	105	137349	5.59	ug/L	95
63) 1,2,4-Trimethylbenzene	11.475	105	138998	5.50	ug/L	97
64) 1,3-Dichlorobenzene	11.754	146	80197	5.62	ug/L	99
65) 1,4-Dichlorobenzene	11.844	146	80816	5.59	ug/L	97
67) 1,2-Dichlorobenzene	12.221	146	78983	5.70	ug/L	96
68) 1,2-Dibromo-3-chloropr...	13.005	75	6466	5.49	ug/L	96
69) 1,3,5-Trichlorobenzene	13.227	180	65756	5.62	ug/L	100
70) 1,2,4-trichlorobenzene	13.851	180	52945	5.46	ug/L	98
71) Naphthalene	14.095	128	84305	5.16	ug/L	99
72) 1,2,3-Trichlorobenzene	14.339	180	49217	5.54	ug/L	99

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

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