

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042621\
 Data File : VU043317.D
 Acq On : 26 Apr 2021 11:18
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005147

Quant Time: Apr 26 23:36:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 24 07:55:52 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	113183	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.423	117	110603	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	58286	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	27155	4.72	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.40%
7) Chloroethane-d5	1.919	69	24743	4.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.20%
11) 1,1-Dichloroethene-d2	2.572	65	17800	5.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	106.80%
20) 2-Butanone-d5	4.652	46	131989	52.29	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.58%
24) Chloroform-d	5.073	84	75750	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.60%
26) 1,2-Dichloroethane-d4	5.710	65	47357	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
32) Benzene-d6	5.736	84	133989	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.00%
36) 1,2-Dichloropropane-d6	6.700	67	44932	5.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.20%
41) Toluene-d8	7.906	98	123009	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.80%
43) trans-1,3-Dichloroprop...	8.186	79	15325	4.06	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.20%
46) 2-Hexanone-d5	8.642	63	91788	48.80	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.60%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	39905	5.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.20%
66) 1,2-Dichlorobenzene-d4	12.198	152	47465	4.75	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.00%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	41745	5.75	ug/L	98
3) Chloromethane	1.523	50	36406	5.10	ug/L	99
5) Vinyl chloride	1.607	62	38085	5.12	ug/L	99
6) Bromomethane	1.864	94	19085	4.30	ug/L	96
8) Chloroethane	1.941	64	24490	4.57	ug/L	100
9) Trichlorofluoromethane	2.144	101	66103	4.77	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	37545	5.02	ug/L	98
12) 1,1-Dichloroethene	2.588	96	34013	5.41	ug/L	78
13) Acetone	2.668	43	95748	51.62	ug/L	72
14) Carbon disulfide	2.800	76	81804	5.10	ug/L	99
15) Methyl Acetate	2.967	43	23629	6.78	ug/L	# 84
16) Methylene chloride	3.054	84	53847	6.61	ug/L	80
17) Methyl tert-butyl Ether	3.375	73	102216	4.97	ug/L	# 91
18) trans-1,2-Dichloroethene	3.363	96	35324	5.27	ug/L	88
19) 1,1-Dichloroethane	3.880	63	80949	5.54	ug/L	97
21) 2-Butanone	4.732	43	160279	52.36	ug/L	80
22) cis-1,2-Dichloroethene	4.674	96	41558	5.23	ug/L	85
23) Bromochloromethane	4.986	128	20300	5.60	ug/L	# 76
25) Chloroform	5.099	83	84827	5.45	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	62420	5.46	ug/L #	94
29) 1,1,1-Trichloroethane	5.327	97	73149	5.36	ug/L	95
30) Cyclohexane	5.398	56	59333	5.07	ug/L #	84
31) Carbon tetrachloride	5.533	117	60900	5.35	ug/L	100
33) Benzene	5.784	78	163624	5.53	ug/L	100
34) Trichloroethene	6.549	95	42851	5.26	ug/L	91
35) Methylcyclohexane	6.771	83	50353	4.47	ug/L #	87
37) 1,2-Dichloropropane	6.800	63	46749	5.62	ug/L	98
38) Bromodichloromethane	7.115	83	62569	5.60	ug/L	98
39) cis-1,3-Dichloropropene	7.613	75	51333	4.22	ug/L	99
40) 4-Methyl-2-pentanone	7.800	43	434182	58.29	ug/L #	82
42) Toluene	7.977	91	174999	5.29	ug/L	95
44) trans-1,3-Dichloropropene	8.218	75	48250	4.21	ug/L	100
45) 1,1,2-Trichloroethane	8.407	97	35676	5.74	ug/L	96
47) Tetrachloroethene	8.559	164	31143	4.82	ug/L	91
48) 2-Hexanone	8.694	43	341235	62.26	ug/L #	82
49) Dibromochloromethane	8.819	129	43253	5.51	ug/L	96
50) 1,2-Dibromoethane	8.931	107	33702	5.44	ug/L	97
51) Chlorobenzene	9.452	112	110659	5.25	ug/L	94
52) Ethylbenzene	9.578	91	186022	4.92	ug/L	98
53) m,p-Xylene	9.700	106	68819	4.97	ug/L	92
54) o-Xylene	10.108	106	68495	5.00	ug/L	96
55) Styrene	10.121	104	119359	5.08	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.790	83	47681	5.83	ug/L	99
59) Bromoform	10.298	173	27007	5.67	ug/L #	98
60) Isopropylbenzene	10.491	105	182512	4.88	ug/L	98
61) 1,2,3-Trichloropropane	10.829	75	35267	5.86	ug/L	97
62) 1,3,5-Trimethylbenzene	11.095	105	144879	4.74	ug/L	96
63) 1,2,4-Trimethylbenzene	11.475	105	148184	4.71	ug/L	95
64) 1,3-Dichlorobenzene	11.751	146	90642	5.11	ug/L	99
65) 1,4-Dichlorobenzene	11.841	146	88901	4.94	ug/L	99
67) 1,2-Dichlorobenzene	12.218	146	89792	5.21	ug/L	97
68) 1,2-Dibromo-3-chloropr...	13.002	75	8583	5.86	ug/L	84
69) 1,3,5-Trichlorobenzene	13.224	180	66971	4.60	ug/L	99
70) 1,2,4-trichlorobenzene	13.848	180	58982	4.89	ug/L	99
71) Naphthalene	14.092	128	118766	5.84	ug/L	98
72) 1,2,3-Trichlorobenzene	14.336	180	60656	5.49	ug/L	100

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

