

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042121\
 Data File : VU043265.D
 Acq On : 21 Apr 2021 21:07
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005142

Quant Time: Apr 22 04:48:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 22 04:40:57 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	76506	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.424	117	77376	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	41228	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	18303	4.71	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.20%
7) Chloroethane-d5	1.919	69	17614	4.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.20%
11) 1,1-Dichloroethene-d2	2.575	65	11876	5.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	105.40%
20) 2-Butanone-d5	4.659	46	116201	68.10	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	136.20%#
24) Chloroform-d	5.073	84	59426	6.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	120.20%
26) 1,2-Dichloroethane-d4	5.713	65	35506	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.20%
32) Benzene-d6	5.739	84	99855	5.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.80%
36) 1,2-Dichloropropane-d6	6.700	67	33176	5.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.00%
41) Toluene-d8	7.906	98	93039	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.40%
43) trans-1,3-Dichloroprop...	8.186	79	13237	5.02	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.40%
46) 2-Hexanone-d5	8.642	63	71096	54.03	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.06%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	31786	6.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	121.00%#
66) 1,2-Dichlorobenzene-d4	12.202	152	37127	5.25	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.00%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.389	85	29225	5.96	ug/L	99
3) Chloromethane	1.524	50	27149	5.63	ug/L	99
5) Vinyl chloride	1.607	62	27428	5.46	ug/L	98
6) Bromomethane	1.864	94	14763	4.92	ug/L	98
8) Chloroethane	1.942	64	17212	4.75	ug/L	99
9) Trichlorofluoromethane	2.144	101	50817	5.43	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	28449	5.63	ug/L	95
12) 1,1-Dichloroethene	2.588	96	24792	5.83	ug/L	75
13) Acetone	2.675	43	81544	65.04	ug/L	70
14) Carbon disulfide	2.800	76	62794	5.79	ug/L	97
15) Methyl Acetate	2.970	43	18434	7.82	ug/L #	82
16) Methylene chloride	3.054	84	38334	6.97	ug/L #	76
17) Methyl tert-butyl Ether	3.376	73	74110	5.33	ug/L #	90
18) trans-1,2-Dichloroethene	3.363	96	25958	5.73	ug/L	91
19) 1,1-Dichloroethane	3.880	63	58480	5.92	ug/L	95
21) 2-Butanone	4.732	43	130708	63.17	ug/L	81
22) cis-1,2-Dichloroethene	4.678	96	29958	5.58	ug/L	88
23) Bromochloromethane	4.983	128	14550	5.94	ug/L #	74
25) Chloroform	5.099	83	62670	5.95	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	47123	6.10	ug/L #	94
29) 1,1,1-Trichloroethane	5.327	97	53752	5.63	ug/L #	94
30) Cyclohexane	5.398	56	43982	5.37	ug/L	83
31) Carbon tetrachloride	5.533	117	44419	5.58	ug/L	98
33) Benzene	5.784	78	118110	5.71	ug/L	100
34) Trichloroethene	6.549	95	30321	5.32	ug/L	95
35) Methylcyclohexane	6.771	83	39482	5.01	ug/L	88
37) 1,2-Dichloropropane	6.800	63	34456	5.92	ug/L #	97
38) Bromodichloromethane	7.112	83	45032	5.76	ug/L	98
39) cis-1,3-Dichloropropene	7.617	75	45274	5.32	ug/L	98
40) 4-Methyl-2-pentanone	7.803	43	317804	60.98	ug/L #	82
42) Toluene	7.977	91	128643	5.56	ug/L	97
44) trans-1,3-Dichloropropene	8.218	75	42201	5.26	ug/L	99
45) 1,1,2-Trichloroethane	8.408	97	24751	5.69	ug/L	96
47) Tetrachloroethene	8.562	164	24513	5.43	ug/L	91
48) 2-Hexanone	8.694	43	242561	63.26	ug/L #	83
49) Dibromochloromethane	8.816	129	30498	5.55	ug/L	93
50) 1,2-Dibromoethane	8.932	107	23778	5.49	ug/L	99
51) Chlorobenzene	9.453	112	80132	5.43	ug/L	95
52) Ethylbenzene	9.578	91	139032	5.25	ug/L	97
53) m,p-Xylene	9.700	106	50558	5.22	ug/L	86
54) o-Xylene	10.108	106	50194	5.23	ug/L	88
55) Styrene	10.121	104	87292	5.31	ug/L	91
57) 1,1,2,2-Tetrachloroethane	10.790	83	33248	5.81	ug/L	99
59) Bromoform	10.298	173	18484	5.49	ug/L	99
60) Isopropylbenzene	10.491	105	139612	5.28	ug/L #	95
61) 1,2,3-Trichloropropane	10.829	75	24426	5.73	ug/L	99
62) 1,3,5-Trimethylbenzene	11.096	105	109763	5.07	ug/L	96
63) 1,2,4-Trimethylbenzene	11.475	105	110370	4.96	ug/L	98
64) 1,3-Dichlorobenzene	11.751	146	67857	5.40	ug/L	97
65) 1,4-Dichlorobenzene	11.845	146	68416	5.37	ug/L	99
67) 1,2-Dichlorobenzene	12.221	146	67101	5.50	ug/L	97
68) 1,2-Dibromo-3-chloropr...	13.005	75	5449	5.26	ug/L	97
69) 1,3,5-Trichlorobenzene	13.227	180	54140	5.26	ug/L	99
70) 1,2,4-trichlorobenzene	13.848	180	45374	5.32	ug/L	99
71) Naphthalene	14.095	128	82906	5.76	ug/L	99
72) 1,2,3-Trichlorobenzene	14.337	180	44753	5.72	ug/L	99

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

