

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051721\
 Data File : VU043801.D
 Acq On : 17 May 2021 19:25
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005145

Quant Time: May 18 03:12:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat May 15 00:49:19 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	241251	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	237016	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	129261	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	75362	4.24	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.80%
7) Chloroethane-d5	1.919	69	54234	4.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.40%
11) 1,1-Dichloroethene-d2	2.572	65	33127	4.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.80%
20) 2-Butanone-d5	4.646	46	155764	46.05	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.10%
24) Chloroform-d	5.073	84	140184	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
26) 1,2-Dichloroethane-d4	5.710	65	68079	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.80%
32) Benzene-d6	5.736	84	292070	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
36) 1,2-Dichloropropane-d6	6.700	67	89629	4.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.40%
41) Toluene-d8	7.906	98	269663	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
43) trans-1,3-Dichloroprop...	8.186	79	33728	4.74	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.80%
46) 2-Hexanone-d5	8.642	63	150793	47.01	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.02%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	72844	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.60%
66) 1,2-Dichlorobenzene-d4	12.198	152	100126	4.65	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.00%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	91723	5.22	ug/L	100
3) Chloromethane	1.520	50	102802	4.99	ug/L	98
5) Vinyl chloride	1.607	62	105429	5.15	ug/L	98
6) Bromomethane	1.861	94	57873	4.79	ug/L	97
8) Chloroethane	1.938	64	56545	4.91	ug/L	99
9) Trichlorofluoromethane	2.144	101	122913	5.17	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	85119	5.26	ug/L	98
12) 1,1-Dichloroethene	2.584	96	85663	5.38	ug/L	97
13) Acetone	2.652	43	101979	47.49	ug/L	96
14) Carbon disulfide	2.800	76	271420	5.10	ug/L	100
15) Methyl Acetate	2.964	43	29961	4.69	ug/L	98
16) Methylene chloride	3.054	84	98733	4.18	ug/L	98
17) Methyl tert-butyl Ether	3.375	73	180626	5.01	ug/L	99
18) trans-1,2-Dichloroethene	3.359	96	87619	5.24	ug/L	98
19) 1,1-Dichloroethane	3.880	63	158435	5.24	ug/L	99
21) 2-Butanone	4.726	43	187714	45.72	ug/L	97
22) cis-1,2-Dichloroethene	4.678	96	93543	5.32	ug/L	97
23) Bromochloromethane	4.983	128	44749	5.40	ug/L	93
25) Chloroform	5.099	83	160407	5.36	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	93783	5.08	ug/L	97
29) 1,1,1-Trichloroethane	5.327	97	132823	5.37	ug/L	99
30) Cyclohexane	5.398	56	138459	5.05	ug/L	98
31) Carbon tetrachloride	5.533	117	110798	5.37	ug/L	99
33) Benzene	5.784	78	367549	5.36	ug/L	100
34) Trichloroethene	6.549	95	109760	6.24	ug/L	97
35) Methylcyclohexane	6.771	83	137622	5.03	ug/L	98
37) 1,2-Dichloropropane	6.800	63	95529	5.33	ug/L	100
38) Bromodichloromethane	7.115	83	110325	5.27	ug/L	99
39) cis-1,3-Dichloropropene	7.616	75	122222	5.13	ug/L	100
40) 4-Methyl-2-pentanone	7.800	43	554937	48.52	ug/L	98
42) Toluene	7.977	91	394489	5.48	ug/L	100
44) trans-1,3-Dichloropropene	8.218	75	104383	5.08	ug/L	97
45) 1,1,2-Trichloroethane	8.407	97	68068	5.28	ug/L	97
47) Tetrachloroethene	8.559	164	82712	5.82	ug/L	99
48) 2-Hexanone	8.694	43	414157	48.82	ug/L	99
49) Dibromochloromethane	8.816	129	78388	5.45	ug/L	98
50) 1,2-Dibromoethane	8.931	107	63390	5.23	ug/L	97
51) Chlorobenzene	9.452	112	241221	5.36	ug/L	99
52) Ethylbenzene	9.578	91	386652	5.25	ug/L	99
53) m,p-Xylene	9.700	106	155032	5.53	ug/L	98
54) o-Xylene	10.108	106	145945	5.45	ug/L	99
55) Styrene	10.121	104	253124	5.61	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.790	83	83708	5.12	ug/L	98
59) Bromoform	10.298	173	45877	5.27	ug/L	99
60) Isopropylbenzene	10.491	105	384304	5.41	ug/L	100
61) 1,2,3-Trichloropropane	10.829	75	60507	4.90	ug/L	100
62) 1,3,5-Trimethylbenzene	11.095	105	301646	5.28	ug/L	100
63) 1,2,4-Trimethylbenzene	11.475	105	314330	5.37	ug/L	99
64) 1,3-Dichlorobenzene	11.751	146	194565	5.32	ug/L	99
65) 1,4-Dichlorobenzene	11.841	146	190888	5.20	ug/L	99
67) 1,2-Dichlorobenzene	12.221	146	185048	5.27	ug/L	99
68) 1,2-Dibromo-3-chloropr...	13.005	75	12443	4.91	ug/L	95
69) 1,3,5-Trichlorobenzene	13.227	180	147921	5.07	ug/L	99
70) 1,2,4-trichlorobenzene	13.848	180	117178	4.87	ug/L	99
71) Naphthalene	14.095	128	192849	4.55	ug/L	99
72) 1,2,3-Trichlorobenzene	14.336	180	114105	5.01	ug/L	100

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

