

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052121\
 Data File : VU043880.D
 Acq On : 21 May 2021 10:05
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005152

Quant Time: May 22 00:41:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri May 21 01:15:23 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	291187	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	297359	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	168144	5.00	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	85258	3.97	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.40%
7) Chloroethane-d5	1.919	69	65978	4.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.00%
11) 1,1-Dichloroethene-d2	2.575	65	37799	4.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.80%
20) 2-Butanone-d5	4.649	46	263283	64.49	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	128.98%
24) Chloroform-d	5.073	84	164150	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
26) 1,2-Dichloroethane-d4	5.713	65	88625	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.00%
32) Benzene-d6	5.739	84	355970	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
36) 1,2-Dichloropropane-d6	6.700	67	113959	4.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.80%
41) Toluene-d8	7.906	98	332002	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
43) trans-1,3-Dichloroprop...	8.189	79	43659	4.89	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.80%
46) 2-Hexanone-d5	8.645	63	209823	52.14	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.28%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	101711	5.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.00%
66) 1,2-Dichlorobenzene-d4	12.201	152	129294	4.61	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.20%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.388	85	102241	4.82	ug/L	100
3) Chloromethane	1.523	50	109594	4.40	ug/L	99
5) Vinyl chloride	1.607	62	118463	4.79	ug/L	98
6) Bromomethane	1.864	94	64536	4.43	ug/L	97
8) Chloroethane	1.941	64	66202	4.76	ug/L	97
9) Trichlorofluoromethane	2.144	101	140560	4.90	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	101274	5.18	ug/L	98
12) 1,1-Dichloroethene	2.588	96	97403	5.07	ug/L	94
13) Acetone	2.662	43	174141	67.19	ug/L	95
14) Carbon disulfide	2.800	76	310590	4.83	ug/L	99
15) Methyl Acetate	2.964	43	42292	5.48	ug/L	97
16) Methylene chloride	3.054	84	113541	3.98	ug/L	96
17) Methyl tert-butyl Ether	3.375	73	210588	4.84	ug/L	98
18) trans-1,2-Dichloroethene	3.362	96	100401	4.97	ug/L	99
19) 1,1-Dichloroethane	3.880	63	181618	4.98	ug/L	97
21) 2-Butanone	4.729	43	292830	59.09	ug/L	97
22) cis-1,2-Dichloroethene	4.678	96	108172	5.10	ug/L	96
23) Bromochloromethane	4.983	128	54225	5.43	ug/L	92
25) Chloroform	5.099	83	201738	5.59	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	114395	5.14	ug/L	98
29) 1,1,1-Trichloroethane	5.327	97	153625	4.95	ug/L	98
30) Cyclohexane	5.401	56	149316	4.34	ug/L	96
31) Carbon tetrachloride	5.533	117	129690	5.01	ug/L	100
33) Benzene	5.784	78	421444	4.90	ug/L	100
34) Trichloroethene	6.552	95	107821	4.89	ug/L	98
35) Methylcyclohexane	6.774	83	162916	4.75	ug/L	97
37) 1,2-Dichloropropane	6.800	63	109256	4.85	ug/L	100
38) Bromodichloromethane	7.115	83	131307	5.00	ug/L	99
39) cis-1,3-Dichloropropene	7.616	75	144216	4.82	ug/L	98
40) 4-Methyl-2-pentanone	7.803	43	678380	47.28	ug/L	96
42) Toluene	7.976	91	458917	5.08	ug/L	100
44) trans-1,3-Dichloropropene	8.218	75	127173	4.93	ug/L	98
45) 1,1,2-Trichloroethane	8.407	97	82509	5.10	ug/L	97
47) Tetrachloroethene	8.562	164	91335	5.12	ug/L	99
48) 2-Hexanone	8.693	43	518874	48.75	ug/L	96
49) Dibromochloromethane	8.819	129	94424	5.23	ug/L	98
50) 1,2-Dibromoethane	8.931	107	78134	5.14	ug/L	96
51) Chlorobenzene	9.456	112	280769	4.98	ug/L	99
52) Ethylbenzene	9.578	91	456214	4.93	ug/L	100
53) m,p-Xylene	9.703	106	179949	5.12	ug/L	97
54) o-Xylene	10.108	106	172407	5.14	ug/L	97
55) Styrene	10.121	104	304761	5.38	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.790	83	104543	5.09	ug/L	99
59) Bromoform	10.298	173	57117	5.05	ug/L	99
60) Isopropylbenzene	10.491	105	443818	4.81	ug/L	100
61) 1,2,3-Trichloropropane	10.832	75	74360	4.63	ug/L	98
62) 1,3,5-Trimethylbenzene	11.095	105	351784	4.74	ug/L	100
63) 1,2,4-Trimethylbenzene	11.475	105	369108	4.85	ug/L	100
64) 1,3-Dichlorobenzene	11.754	146	236784	4.98	ug/L	99
65) 1,4-Dichlorobenzene	11.844	146	239668	5.02	ug/L	99
67) 1,2-Dichlorobenzene	12.221	146	226089	4.95	ug/L	98
68) 1,2-Dibromo-3-chloropr...	13.005	75	15090	4.58	ug/L	93
69) 1,3,5-Trichlorobenzene	13.227	180	183119	4.83	ug/L	98
70) 1,2,4-trichlorobenzene	13.848	180	146072	4.67	ug/L	99
71) Naphthalene	14.095	128	230271	4.18	ug/L	99
72) 1,2,3-Trichlorobenzene	14.336	180	141168	4.76	ug/L	98

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

