

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051821\
 Data File : VU043803.D
 Acq On : 18 May 2021 09:41
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005146

Quant Time: May 19 01:37:14 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	6.260	114	233160	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	231861	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	126465	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	75731	4.41	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.20%
7) Chloroethane-d5	1.919	69	56883	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.80%
11) 1,1-Dichloroethene-d2	2.575	65	32848	4.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.20%
20) 2-Butanone-d5	4.646	46	150370	46.00	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.00%
24) Chloroform-d	5.073	84	141662	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.40%
26) 1,2-Dichloroethane-d4	5.713	65	69735	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
32) Benzene-d6	5.736	84	287372	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
36) 1,2-Dichloropropane-d6	6.700	67	89116	4.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.00%
41) Toluene-d8	7.906	98	266324	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
43) trans-1,3-Dichloroprop...	8.186	79	32054	4.60	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.00%
46) 2-Hexanone-d5	8.642	63	160164	51.04	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.08%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	78040	5.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.40%
66) 1,2-Dichlorobenzene-d4	12.198	152	99414	4.72	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.40%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	88726	5.22	ug/L	99
3) Chloromethane	1.523	50	100182	5.03	ug/L	100
5) Vinyl chloride	1.607	62	105328	5.32	ug/L	98
6) Bromomethane	1.864	94	59212	5.07	ug/L	99
8) Chloroethane	1.941	64	58890	5.29	ug/L	99
9) Trichlorofluoromethane	2.144	101	124157	5.41	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	83619	5.34	ug/L	99
12) 1,1-Dichloroethene	2.588	96	85543	5.56	ug/L	92
13) Acetone	2.655	43	104228	50.22	ug/L	97
14) Carbon disulfide	2.800	76	269164	5.23	ug/L	100
15) Methyl Acetate	2.964	43	35123	5.69	ug/L	97
16) Methylene chloride	3.054	84	98303	4.30	ug/L	97
17) Methyl tert-butyl Ether	3.375	73	185911	5.34	ug/L	98
18) trans-1,2-Dichloroethene	3.363	96	87173	5.39	ug/L	97
19) 1,1-Dichloroethane	3.880	63	156836	5.37	ug/L	99
21) 2-Butanone	4.726	43	193781	48.83	ug/L	99
22) cis-1,2-Dichloroethene	4.678	96	91651	5.39	ug/L	99
23) Bromochloromethane	4.986	128	45164	5.64	ug/L	94
25) Chloroform	5.099	83	159348	5.51	ug/L	99

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27) 1,2-Dichloroethane	5.803	62	97308	5.46	ug/L	97
29) 1,1,1-Trichloroethane	5.327	97	131942	5.46	ug/L	98
30) Cyclohexane	5.398	56	133551	4.98	ug/L	97
31) Carbon tetrachloride	5.533	117	109885	5.44	ug/L	99
33) Benzene	5.784	78	362007	5.40	ug/L	100
34) Trichloroethene	6.552	95	91127	5.30	ug/L	98
35) Methylcyclohexane	6.774	83	132878	4.97	ug/L	98
37) 1,2-Dichloropropane	6.800	63	95227	5.43	ug/L	99
38) Bromodichloromethane	7.115	83	111489	5.45	ug/L	99
39) cis-1,3-Dichloropropene	7.616	75	115990	4.98	ug/L	100
40) 4-Methyl-2-pentanone	7.800	43	587806	52.54	ug/L	98
42) Toluene	7.977	91	390820	5.55	ug/L	99
44) trans-1,3-Dichloropropene	8.218	75	101586	5.05	ug/L	99
45) 1,1,2-Trichloroethane	8.407	97	70634	5.60	ug/L	98
47) Tetrachloroethene	8.562	164	75274	5.41	ug/L	97
48) 2-Hexanone	8.694	43	441093	53.15	ug/L	98
49) Dibromochloromethane	8.819	129	80159	5.70	ug/L	100
50) 1,2-Dibromoethane	8.932	107	65797	5.55	ug/L	98
51) Chlorobenzene	9.456	112	237573	5.40	ug/L	99
52) Ethylbenzene	9.578	91	385261	5.34	ug/L	99
53) m,p-Xylene	9.700	106	150053	5.47	ug/L	98
54) o-Xylene	10.108	106	146956	5.61	ug/L	97
55) Styrene	10.121	104	254598	5.76	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.790	83	88484	5.53	ug/L	98
59) Bromoform	10.298	173	47374	5.56	ug/L	99
60) Isopropylbenzene	10.491	105	376315	5.42	ug/L	99
61) 1,2,3-Trichloropropane	10.829	75	63149	5.23	ug/L	98
62) 1,3,5-Trimethylbenzene	11.095	105	294397	5.27	ug/L	100
63) 1,2,4-Trimethylbenzene	11.475	105	306726	5.36	ug/L	99
64) 1,3-Dichlorobenzene	11.751	146	193932	5.42	ug/L	99
65) 1,4-Dichlorobenzene	11.845	146	192780	5.37	ug/L	100
67) 1,2-Dichlorobenzene	12.221	146	186918	5.44	ug/L	99
68) 1,2-Dibromo-3-chloropr...	13.005	75	12575	5.08	ug/L	94
69) 1,3,5-Trichlorobenzene	13.227	180	145845	5.11	ug/L	98
70) 1,2,4-trichlorobenzene	13.848	180	116047	4.93	ug/L	100
71) Naphthalene	14.092	128	200120	4.83	ug/L	99
72) 1,2,3-Trichlorobenzene	14.336	180	118455	5.31	ug/L	98

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

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