

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080921\
 Data File : VU044403.D
 Acq On : 09 Aug 2021 14:52
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005084

Manual Integrations
 APPROVED

MMDadoda

Quant Time: Aug 10 02:09:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 10 02:08:42 2021
 Response via : Initial Calibration

8/10/2021 11:44:31 AM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	163601	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	163724	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	86237	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	49220	3.601	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	72.000%	
7) Chloroethane-d5	1.912	69	58780	5.009	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	100.200%	
11) 1,1-Dichloroethene-d2	2.568	65	23849	4.142	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	82.800%	
20) 2-Butanone-d5	4.639	46	144376	35.619	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	71.240%	
24) Chloroform-d	5.070	84	122139	5.135	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	102.600%	
26) 1,2-Dichloroethane-d4	5.710	65	59607	4.489	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	89.800%	
32) Benzene-d6	5.735	84	244892	4.773	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.400%	
36) 1,2-Dichloropropane-d6	6.700	67	74236	4.657	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	93.200%	
41) Toluene-d8	7.906	98	219801	4.787	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.800%	
43) trans-1,3-Dichloroprop...	8.185	79	23064	3.716	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	74.400%	
46) 2-Hexanone-d5	8.642	63	129105	34.456	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	68.920%	
56) 1,1,2,2-Tetrachloroeth...	10.764	84	59405	4.167	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	83.400%	
66) 1,2-Dichlorobenzene-d4	12.201	152	82661	4.978	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	99.600%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	69293	4.728	ug/L	100
3) Chloromethane	1.520	50	71744	4.544	ug/L	100
5) Vinyl chloride	1.604	62	80293	4.852	ug/L	98
6) Bromomethane	1.858	94	47334	5.081	ug/L	97
8) Chloroethane	1.935	64	51872	5.430	ug/L	98
9) Trichlorofluoromethane	2.137	101	102426	5.626	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	58480	5.320	ug/L	98
12) 1,1-Dichloroethene	2.581	96	52814	4.913	ug/L	98
13) Acetone	2.642	43	88013m	45.600	ug/L	
14) Carbon disulfide	2.797	76	133977	3.817	ug/L	99
15) Methyl Acetate	2.957	43	18519	4.201	ug/L #	85
16) Methylene chloride	3.051	84	70065	4.888	ug/L	96
17) Methyl tert-butyl Ether	3.372	73	141013	4.788	ug/L	99
18) trans-1,2-Dichloroethene	3.359	96	56862	4.947	ug/L	93
19) 1,1-Dichloroethane	3.877	63	105040	5.070	ug/L	100
21) 2-Butanone	4.716	43	144274	40.269	ug/L	98
22) cis-1,2-Dichloroethene	4.674	96	65303	5.200	ug/L	94
23) Bromochloromethane	4.980	128	29152	5.359	ug/L	91
25) Chloroform	5.095	83	113885	5.338	ug/L	100

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27) 1,2-Dichloroethane	5.803	62	70063	5.026	ug/L	98
29) 1,1,1-Trichloroethane	5.324	97	92488	5.201	ug/L	99
30) Cyclohexane	5.394	56	84561	4.070	ug/L	94
31) Carbon tetrachloride	5.533	117	76603	5.151	ug/L	99
33) Benzene	5.780	78	245335	4.924	ug/L	100
34) Trichloroethene	6.549	95	63347	5.084	ug/L	97
35) Methylcyclohexane	6.771	83	95818	4.407	ug/L	97
37) 1,2-Dichloropropane	6.800	63	61398	4.836	ug/L	98
38) Bromodichloromethane	7.115	83	80098	5.210	ug/L	99
39) cis-1,3-Dichloropropene	7.613	75	89756	4.858	ug/L	99
40) 4-Methyl-2-pentanone	7.800	43	357231	40.099	ug/L	98
42) Toluene	7.976	91	268304	5.149	ug/L	100
44) trans-1,3-Dichloropropene	8.218	75	76445	4.863	ug/L	99
45) 1,1,2-Trichloroethane	8.407	97	47950	5.089	ug/L	97
47) Tetrachloroethene	8.558	164	49344	5.393	ug/L	98
48) 2-Hexanone	8.693	43	256489	39.818	ug/L	97
49) Dibromochloromethane	8.819	129	53705	5.339	ug/L	96
50) 1,2-Dibromoethane	8.931	107	44155	4.832	ug/L	99
51) Chlorobenzene	9.452	112	172094	5.336	ug/L	96
52) Ethylbenzene	9.578	91	286593	5.162	ug/L	98
53) m,p-Xylene	9.700	106	114447	5.331	ug/L	94
54) o-Xylene	10.108	106	112177	5.366	ug/L	96
55) Styrene	10.121	104	191660	5.359	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.790	83	56542	4.566	ug/L #	97
59) Bromoform	10.298	173	28478	5.206	ug/L	99
60) Isopropylbenzene	10.491	105	293250	5.317	ug/L	99
61) 1,2,3-Trichloropropane	10.832	75	41351	4.472	ug/L	99
62) 1,3,5-Trimethylbenzene	11.095	105	243103	5.261	ug/L	99
63) 1,2,4-Trimethylbenzene	11.475	105	251019	5.295	ug/L	98
64) 1,3-Dichlorobenzene	11.751	146	138208	5.472	ug/L	99
65) 1,4-Dichlorobenzene	11.841	146	137468	5.339	ug/L	98
67) 1,2-Dichlorobenzene	12.217	146	129477	5.324	ug/L	97
68) 1,2-Dibromo-3-chloropr...	13.002	75	8590	4.295	ug/L	96
69) 1,3,5-Trichlorobenzene	13.227	180	104800	5.554	ug/L	99
70) 1,2,4-trichlorobenzene	13.848	180	85927	5.380	ug/L	98
71) Naphthalene	14.092	128	139679	4.451	ug/L	100
72) 1,2,3-Trichlorobenzene	14.336	180	76068	5.254	ug/L	99

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

