

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU063021\
 Data File : VU044273.D
 Acq On : 30 Jun 2021 20:28
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005139

Quant Time: Jul 01 02:41:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR062121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jul 01 02:36:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	157595	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	144450	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	78811	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	33829	3.965	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.200%
7) Chloroethane-d5	1.919	69	36030	4.288	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.800%
11) 1,1-Dichloroethene-d2	2.575	65	18000	4.110	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.200%
20) 2-Butanone-d5	4.642	46	126073	40.124	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.240%
24) Chloroform-d	5.073	84	89175	4.642	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
26) 1,2-Dichloroethane-d4	5.713	65	48965	4.265	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.200%
32) Benzene-d6	5.735	84	171054	4.768	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
36) 1,2-Dichloropropane-d6	6.697	67	55428	4.767	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.400%
41) Toluene-d8	7.903	98	155184	4.662	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.200%
43) trans-1,3-Dichloroprop...	8.185	79	22432	4.160	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.200%
46) 2-Hexanone-d5	8.642	63	127703	49.717	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.440%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	47159	4.562	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.200%
66) 1,2-Dichlorobenzene-d4	12.198	152	64233	4.947	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	40026	4.313	ug/L	98
3) Chloromethane	1.523	50	42645	3.973	ug/L	100
5) Vinyl chloride	1.607	62	47085	4.228	ug/L	99
6) Bromomethane	1.864	94	26633	3.729	ug/L	97
8) Chloroethane	1.941	64	33221	4.384	ug/L	98
9) Trichlorofluoromethane	2.144	101	79099	5.086	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	44934	4.813	ug/L	96
12) 1,1-Dichloroethene	2.588	96	41227	4.531	ug/L	95
13) Acetone	2.652	43	69300	49.327	ug/L	91
14) Carbon disulfide	2.800	76	103556	3.695	ug/L	99
15) Methyl Acetate	2.964	43	20517	5.198	ug/L	98
16) Methylene chloride	3.054	84	49639	4.047	ug/L	96
17) Methyl tert-butyl Ether	3.372	73	126833	4.700	ug/L	99
18) trans-1,2-Dichloroethene	3.362	96	44146	4.558	ug/L	97
19) 1,1-Dichloroethane	3.880	63	88161	4.772	ug/L	99
21) 2-Butanone	4.723	43	136977	42.917	ug/L	99
22) cis-1,2-Dichloroethene	4.674	96	51666	4.875	ug/L	93
23) Bromochloromethane	4.983	128	23502	4.868	ug/L	93
25) Chloroform	5.099	83	91999	4.664	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	59081	4.494	ug/L	98
29) 1,1,1-Trichloroethane	5.327	97	83499	5.131	ug/L	98
30) Cyclohexane	5.395	56	73224	4.362	ug/L	96
31) Carbon tetrachloride	5.533	117	72811	5.251	ug/L	99
33) Benzene	5.784	78	187077	4.937	ug/L	100
34) Trichloroethene	6.549	95	51706	5.038	ug/L	95
35) Methylcyclohexane	6.771	83	76789	4.532	ug/L	98
37) 1,2-Dichloropropane	6.800	63	51592	5.155	ug/L	99
38) Bromodichloromethane	7.112	83	69814	4.962	ug/L	99
39) cis-1,3-Dichloropropene	7.613	75	77810	4.735	ug/L	99
40) 4-Methyl-2-pentanone	7.800	43	399442	49.667	ug/L	99
42) Toluene	7.976	91	201253	4.823	ug/L	100
44) trans-1,3-Dichloropropene	8.218	75	71222	4.726	ug/L	97
45) 1,1,2-Trichloroethane	8.407	97	37975	5.041	ug/L	98
47) Tetrachloroethene	8.558	164	38033	5.013	ug/L	97
48) 2-Hexanone	8.693	43	286380	50.530	ug/L	99
49) Dibromochloromethane	8.816	129	48782	5.102	ug/L	98
50) 1,2-Dibromoethane	8.931	107	36539	5.021	ug/L	98
51) Chlorobenzene	9.452	112	134837	5.045	ug/L	99
52) Ethylbenzene	9.574	91	234699	4.872	ug/L	99
53) m,p-Xylene	9.700	106	90416	4.957	ug/L	97
54) o-Xylene	10.105	106	88843	5.010	ug/L	96
55) Styrene	10.121	104	152397	4.901	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.790	83	49918	4.995	ug/L	98
59) Bromoform	10.298	173	28553	5.118	ug/L	98
60) Isopropylbenzene	10.491	105	242449	5.059	ug/L	99
61) 1,2,3-Trichloropropane	10.828	75	37041	5.206	ug/L	99
62) 1,3,5-Trimethylbenzene	11.092	105	209197	5.010	ug/L	98
63) 1,2,4-Trimethylbenzene	11.472	105	214648	5.026	ug/L	99
64) 1,3-Dichlorobenzene	11.751	146	112397	5.196	ug/L	97
65) 1,4-Dichlorobenzene	11.841	146	111111	5.094	ug/L	99
67) 1,2-Dichlorobenzene	12.217	146	105117	5.167	ug/L	100
68) 1,2-Dibromo-3-chloropr...	13.002	75	9244	4.974	ug/L	98
69) 1,3,5-Trichlorobenzene	13.224	180	86549	5.250	ug/L	98
70) 1,2,4-trichlorobenzene	13.844	180	73684	5.278	ug/L	98
71) Naphthalene	14.092	128	135817	5.373	ug/L	99
72) 1,2,3-Trichlorobenzene	14.336	180	65095	5.398	ug/L	100

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

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