

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122821\
 Data File : VU046625.D
 Acq On : 28 Dec 2021 20:25
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005148

Quant Time: Dec 29 01:32:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 29 01:29:25 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	69640	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	71747	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	41485	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	27389	4.993	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.800%
7) Chloroethane-d5	1.919	69	25173	5.828	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	116.600%
11) 1,1-Dichloroethene-d2	2.575	65	13479	5.827	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	116.600%
20) 2-Butanone-d5	4.649	46	105098	66.053	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	132.100%#
24) Chloroform-d	5.070	84	66041	6.571	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	131.400%#
26) 1,2-Dichloroethane-d4	5.706	65	37114	6.459	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	129.200%
32) Benzene-d6	5.732	84	120620	6.031	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	120.600%
36) 1,2-Dichloropropane-d6	6.693	67	38119	6.343	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	126.800%
41) Toluene-d8	7.899	98	109120	6.011	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	120.200%
43) trans-1,3-Dichloroprop...	8.182	79	15257	5.489	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	109.800%
46) 2-Hexanone-d5	8.635	63	93397	57.231	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.460%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	37966	6.155	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	123.200%#
66) 1,2-Dichlorobenzene-d4	12.195	152	40528	5.304	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.000%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	48019	4.506	ug/L	99
3) Chloromethane	1.523	50	35847	3.906	ug/L	99
5) Vinyl chloride	1.607	62	38643	4.277	ug/L	99
6) Bromomethane	1.864	94	21586	3.969	ug/L	98
8) Chloroethane	1.941	64	23174	4.369	ug/L	96
9) Trichlorofluoromethane	2.144	101	58099	4.916	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.587	101	31993	5.318	ug/L	96
12) 1,1-Dichloroethene	2.587	96	29329	4.788	ug/L	83
13) Acetone	2.671	43	76718	51.428	ug/L	92
14) Carbon disulfide	2.800	76	72165	3.607	ug/L	100
15) Methyl Acetate	2.964	43	15297	5.077	ug/L	92
16) Methylene chloride	3.050	84	38774	5.202	ug/L	93
17) Methyl tert-butyl Ether	3.369	73	87592	4.902	ug/L	99
18) trans-1,2-Dichloroethene	3.359	96	31289	4.788	ug/L	92
19) 1,1-Dichloroethane	3.877	63	64409	5.350	ug/L	99
21) 2-Butanone	4.726	43	120635	53.301	ug/L	97
22) cis-1,2-Dichloroethene	4.674	96	36001	5.040	ug/L	98
23) Bromochloromethane	4.983	128	17904	5.036	ug/L	86
25) Chloroform	5.092	83	69863	5.372	ug/L	98

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27) 1,2-Dichloroethane	5.800	62	45699	4.922	ug/L	99
29) 1,1,1-Trichloroethane	5.320	97	59213	4.991	ug/L	99
30) Cyclohexane	5.391	56	39671	4.042	ug/L	95
31) Carbon tetrachloride	5.529	117	51088	5.132	ug/L	99
33) Benzene	5.777	78	135831	4.765	ug/L	100
34) Trichloroethene	6.546	95	33641	4.477	ug/L	99
35) Methylcyclohexane	6.767	83	44263	4.178	ug/L	98
37) 1,2-Dichloropropane	6.793	63	37793	5.197	ug/L	98
38) Bromodichloromethane	7.108	83	54360	5.401	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	54236	4.927	ug/L	100
40) 4-Methyl-2-pentanone	7.793	43	276948	50.738	ug/L	97
42) Toluene	7.970	91	146487	5.006	ug/L	99
44) trans-1,3-Dichloropropene	8.214	75	50984	4.998	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	31227	4.980	ug/L	97
47) Tetrachloroethene	8.555	164	25280	4.754	ug/L	97
48) 2-Hexanone	8.687	43	207360	50.868	ug/L	98
49) Dibromochloromethane	8.812	129	39989	5.528	ug/L	98
50) 1,2-Dibromoethane	8.925	107	29773	4.918	ug/L #	99
51) Chlorobenzene	9.449	112	94782	5.068	ug/L	97
52) Ethylbenzene	9.571	91	150702	4.976	ug/L	99
53) m,p-Xylene	9.697	106	59760	5.150	ug/L	99
54) o-Xylene	10.102	106	59044	5.296	ug/L	99
55) Styrene	10.115	104	108631	5.617	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.783	83	43410	5.297	ug/L	94
59) Bromoform	10.291	173	24145	5.038	ug/L	98
60) Isopropylbenzene	10.487	105	153807	4.807	ug/L	100
61) 1,2,3-Trichloropropane	10.825	75	31369	4.553	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	124389	4.675	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	130257	4.861	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	78891	5.073	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	79765	5.010	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	77302	4.956	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.995	75	8108	5.084	ug/L	94
69) 1,3,5-Trichlorobenzene	13.220	180	59483	5.054	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	49653	4.980	ug/L	99
71) Naphthalene	14.089	128	102294	4.620	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	51241	5.192	ug/L	99

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

