

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070121\
 Data File : VU044291.D
 Acq On : 01 Jul 2021 17:15
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005522

Quant Time: Jul 02 01:53:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR062121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jul 02 01:46:49 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	135888	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	126980	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	69673	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	28442	3.866	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.400%
7) Chloroethane-d5	1.919	69	32495	4.486	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.800%
11) 1,1-Dichloroethene-d2	2.571	65	15485	4.101	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.000%
20) 2-Butanone-d5	4.645	46	142405	52.562	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.120%
24) Chloroform-d	5.073	84	81402	4.915	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.200%
26) 1,2-Dichloroethane-d4	5.710	65	46277	4.674	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.400%
32) Benzene-d6	5.735	84	153698	4.873	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.400%
36) 1,2-Dichloropropane-d6	6.697	67	50377	4.929	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.600%
41) Toluene-d8	7.906	98	141831	4.847	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.000%
43) trans-1,3-Dichloroprop...	8.185	79	20662	4.358	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.200%
46) 2-Hexanone-d5	8.642	63	118849	52.635	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.280%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	45194	4.974	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.400%
66) 1,2-Dichlorobenzene-d4	12.198	152	59953	5.223	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	36534	4.565	ug/L	98
3) Chloromethane	1.523	50	40221	4.346	ug/L	99
5) Vinyl chloride	1.607	62	44733	4.658	ug/L	91
6) Bromomethane	1.864	94	21222	3.446	ug/L	99
8) Chloroethane	1.941	64	33556	5.135	ug/L	90
9) Trichlorofluoromethane	2.144	101	75320	5.616	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.587	101	42308	5.256	ug/L	97
12) 1,1-Dichloroethene	2.587	96	37499	4.779	ug/L	92
13) Acetone	2.658	43	88827	73.326	ug/L	89
14) Carbon disulfide	2.800	76	94642	3.917	ug/L	99
15) Methyl Acetate	2.964	43	20933	6.151	ug/L	97
16) Methylene chloride	3.054	84	47375	4.480	ug/L	98
17) Methyl tert-butyl Ether	3.372	73	121121	5.205	ug/L	100
18) trans-1,2-Dichloroethene	3.362	96	40626	4.864	ug/L	97
19) 1,1-Dichloroethane	3.877	63	82912	5.205	ug/L	99
21) 2-Butanone	4.726	43	148827	54.079	ug/L	99
22) cis-1,2-Dichloroethene	4.677	96	47642	5.214	ug/L	93
23) Bromochloromethane	4.983	128	21729	5.220	ug/L	93
25) Chloroform	5.095	83	85872	5.049	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	57951	5.112	ug/L	99
29) 1,1,1-Trichloroethane	5.327	97	76908	5.376	ug/L	99
30) Cyclohexane	5.398	56	68002	4.608	ug/L	94
31) Carbon tetrachloride	5.533	117	67419	5.531	ug/L	99
33) Benzene	5.784	78	174687	5.244	ug/L	100
34) Trichloroethene	6.549	95	46886	5.197	ug/L	95
35) Methylcyclohexane	6.771	83	73323	4.923	ug/L	98
37) 1,2-Dichloropropane	6.800	63	48122	5.470	ug/L	99
38) Bromodichloromethane	7.111	83	65485	5.295	ug/L	99
39) cis-1,3-Dichloropropene	7.613	75	75374	5.217	ug/L	100
40) 4-Methyl-2-pentanone	7.800	43	371977	52.615	ug/L	99
42) Toluene	7.976	91	192375	5.244	ug/L	99
44) trans-1,3-Dichloropropene	8.217	75	67254	5.077	ug/L	99
45) 1,1,2-Trichloroethane	8.407	97	36094	5.451	ug/L	99
47) Tetrachloroethene	8.558	164	36004	5.398	ug/L	99
48) 2-Hexanone	8.693	43	269243	54.042	ug/L	99
49) Dibromochloromethane	8.816	129	45269	5.386	ug/L	99
50) 1,2-Dibromoethane	8.931	107	34712	5.427	ug/L	96
51) Chlorobenzene	9.452	112	127257	5.416	ug/L	98
52) Ethylbenzene	9.574	91	224621	5.304	ug/L	100
53) m,p-Xylene	9.700	106	87017	5.426	ug/L	97
54) o-Xylene	10.105	106	85165	5.464	ug/L	95
55) Styrene	10.121	104	143235	5.240	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.787	83	46681	5.313	ug/L	100
59) Bromoform	10.298	173	26323	5.337	ug/L	98
60) Isopropylbenzene	10.491	105	233446	5.510	ug/L	100
61) 1,2,3-Trichloropropane	10.828	75	34644	5.508	ug/L	99
62) 1,3,5-Trimethylbenzene	11.092	105	199208	5.396	ug/L	98
63) 1,2,4-Trimethylbenzene	11.475	105	204726	5.422	ug/L	99
64) 1,3-Dichlorobenzene	11.751	146	104593	5.469	ug/L	98
65) 1,4-Dichlorobenzene	11.841	146	104574	5.423	ug/L	99
67) 1,2-Dichlorobenzene	12.217	146	99248	5.518	ug/L	99
68) 1,2-Dibromo-3-chloropr...	13.002	75	8785	5.347	ug/L	94
69) 1,3,5-Trichlorobenzene	13.224	180	82238	5.643	ug/L	99
70) 1,2,4-trichlorobenzene	13.844	180	69621	5.641	ug/L	99
71) Naphthalene	14.092	128	139609	6.248	ug/L	99
72) 1,2,3-Trichlorobenzene	14.336	180	63242	5.932	ug/L	99

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

