

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111621\
 Data File : VU045826.D
 Acq On : 16 Nov 2021 22:50
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005125

Quant Time: Nov 17 04:54:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 17 04:49:52 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	94027	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	97074	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	52306	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	26459	3.552	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.000%
7) Chloroethane-d5	1.919	69	23181	4.274	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.400%
11) 1,1-Dichloroethene-d2	2.572	65	12217	3.910	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.200%
20) 2-Butanone-d5	4.649	46	117694	58.953	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.900%
24) Chloroform-d	5.067	84	54373	4.381	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.600%
26) 1,2-Dichloroethane-d4	5.703	65	33603	4.614	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.200%
32) Benzene-d6	5.732	84	113479	4.245	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.000%
36) 1,2-Dichloropropane-d6	6.694	67	37209	4.416	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.400%
41) Toluene-d8	7.899	98	104036	4.302	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.000%
43) trans-1,3-Dichloroprop...	8.182	79	15769	4.610	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.200%
46) 2-Hexanone-d5	8.636	63	86813	56.393	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.780%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	37671	5.292	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.800%
66) 1,2-Dichlorobenzene-d4	12.195	152	40857	4.549	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	37107	4.847	ug/L	100
3) Chloromethane	1.520	50	39069	4.816	ug/L	99
5) Vinyl chloride	1.607	62	40775	5.007	ug/L	99
6) Bromomethane	1.861	94	22986	4.760	ug/L	99
8) Chloroethane	1.938	64	24155	5.203	ug/L	96
9) Trichlorofluoromethane	2.144	101	53907	5.128	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	30547	4.956	ug/L	99
12) 1,1-Dichloroethene	2.584	96	29737	5.109	ug/L	89
13) Acetone	2.671	43	68855	58.598	ug/L	95
14) Carbon disulfide	2.800	76	86942	4.723	ug/L	99
15) Methyl Acetate	2.964	43	17153	5.949	ug/L	97
16) Methylene chloride	3.051	84	38023	4.425	ug/L	98
17) Methyl tert-butyl Ether	3.369	73	79341	5.236	ug/L	98
18) trans-1,2-Dichloroethene	3.359	96	31192	4.999	ug/L	96
19) 1,1-Dichloroethane	3.874	63	60371	5.165	ug/L	99
21) 2-Butanone	4.726	43	116799	59.077	ug/L	99
22) cis-1,2-Dichloroethene	4.671	96	34166	5.051	ug/L	97
23) Bromochloromethane	4.980	128	16440	5.576	ug/L	96
25) Chloroform	5.092	83	66569	5.250	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	41518	5.131	ug/L	98
29) 1,1,1-Trichloroethane	5.321	97	52934	5.019	ug/L	99
30) Cyclohexane	5.395	56	50101	4.790	ug/L	98
31) Carbon tetrachloride	5.530	117	43932	4.953	ug/L	97
33) Benzene	5.777	78	132720	4.899	ug/L	100
34) Trichloroethene	6.546	95	33911	4.857	ug/L	98
35) Methylcyclohexane	6.768	83	50374	4.699	ug/L	99
37) 1,2-Dichloropropane	6.793	63	35951	5.043	ug/L	99
38) Bromodichloromethane	7.112	83	44327	5.039	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	49046	4.842	ug/L	98
40) 4-Methyl-2-pentanone	7.796	43	271318	58.025	ug/L	100
42) Toluene	7.970	91	143415	5.129	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	44829	5.087	ug/L	100
45) 1,1,2-Trichloroethane	8.401	97	28031	5.297	ug/L	97
47) Tetrachloroethene	8.555	164	25026	5.121	ug/L	95
48) 2-Hexanone	8.687	43	206033	60.993	ug/L	99
49) Dibromochloromethane	8.809	129	32072	5.321	ug/L	96
50) 1,2-Dibromoethane	8.925	107	27206	5.456	ug/L	96
51) Chlorobenzene	9.449	112	90867	5.181	ug/L	98
52) Ethylbenzene	9.571	91	151475	5.175	ug/L	100
53) m,p-Xylene	9.697	106	59714	5.326	ug/L	96
54) o-Xylene	10.102	106	56955	5.264	ug/L	99
55) Styrene	10.115	104	100083	5.495	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.783	83	36281	5.352	ug/L	97
59) Bromoform	10.292	173	17845	5.151	ug/L	99
60) Isopropylbenzene	10.484	105	151839	4.945	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	28271	5.207	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	123867	4.933	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	124431	4.946	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	71668	5.003	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	73175	5.028	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	70224	5.113	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	5860	5.187	ug/L	93
69) 1,3,5-Trichlorobenzene	13.221	180	51215	4.779	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	44417	4.898	ug/L	97
71) Naphthalene	14.086	128	94938	5.096	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	44410	4.922	ug/L	98

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

