

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112621\
 Data File : VU046015.D
 Acq On : 26 Nov 2021 13:36
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005138

Quant Time: Nov 26 23:28:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 26 23:26:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	87485	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	88072	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	46592	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	26893	3.880	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.600%
7) Chloroethane-d5	1.916	69	23256	4.609	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.200%
11) 1,1-Dichloroethene-d2	2.568	65	10898	3.749	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.000%
20) 2-Butanone-d5	4.655	46	117650	63.338	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	126.680%
24) Chloroform-d	5.070	84	55888	4.840	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
26) 1,2-Dichloroethane-d4	5.707	65	34809	5.137	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.800%
32) Benzene-d6	5.732	84	109817	4.528	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.600%
36) 1,2-Dichloropropane-d6	6.694	67	36684	4.799	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.000%
41) Toluene-d8	7.903	98	97120	4.427	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.600%
43) trans-1,3-Dichloroprop...	8.182	79	15467	4.984	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.600%
46) 2-Hexanone-d5	8.639	63	85551	61.254	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	122.500%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	36785	5.696	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	114.000%
66) 1,2-Dichlorobenzene-d4	12.195	152	38956	4.870	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	33233	4.665	ug/L	99
3) Chloromethane	1.520	50	31911	4.227	ug/L	98
5) Vinyl chloride	1.604	62	33750	4.455	ug/L	99
6) Bromomethane	1.861	94	18914	4.209	ug/L	100
8) Chloroethane	1.938	64	20634	4.777	ug/L	99
9) Trichlorofluoromethane	2.144	101	49367	5.047	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	29397	5.126	ug/L	97
12) 1,1-Dichloroethene	2.584	96	26973	4.981	ug/L	79
13) Acetone	2.681	43	60649	55.474	ug/L	73
14) Carbon disulfide	2.797	76	70286	4.104	ug/L	99
15) Methyl Acetate	2.967	43	13118	4.890	ug/L	98
16) Methylene chloride	3.051	84	33818	4.230	ug/L	97
17) Methyl tert-butyl Ether	3.369	73	79033	5.606	ug/L	98
18) trans-1,2-Dichloroethene	3.359	96	28136	4.847	ug/L	98
19) 1,1-Dichloroethane	3.874	63	54443	5.006	ug/L	99
21) 2-Butanone	4.735	43	106992	58.163	ug/L	99
22) cis-1,2-Dichloroethene	4.671	96	32650	5.187	ug/L	99
23) Bromochloromethane	4.980	128	15461	5.636	ug/L	92
25) Chloroform	5.092	83	62244	5.276	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	38906	5.168	ug/L	99
29) 1,1,1-Trichloroethane	5.321	97	50703	5.299	ug/L	98
30) Cyclohexane	5.391	56	43419	4.575	ug/L	98
31) Carbon tetrachloride	5.530	117	42207	5.245	ug/L	98
33) Benzene	5.777	78	121557	4.946	ug/L	100
34) Trichloroethene	6.546	95	32380	5.112	ug/L	97
35) Methylcyclohexane	6.768	83	46767	4.808	ug/L	98
37) 1,2-Dichloropropane	6.793	63	33099	5.118	ug/L	99
38) Bromodichloromethane	7.108	83	42307	5.301	ug/L	96
39) cis-1,3-Dichloropropene	7.610	75	48079	5.231	ug/L	100
40) 4-Methyl-2-pentanone	7.796	43	246092	58.010	ug/L	97
42) Toluene	7.973	91	131811	5.196	ug/L	100
44) trans-1,3-Dichloropropene	8.214	75	43434	5.432	ug/L	99
45) 1,1,2-Trichloroethane	8.404	97	26904	5.603	ug/L	97
47) Tetrachloroethene	8.555	164	24016	5.416	ug/L	92
48) 2-Hexanone	8.690	43	189044	61.684	ug/L	97
49) Dibromochloromethane	8.813	129	30966	5.662	ug/L	97
50) 1,2-Dibromoethane	8.928	107	25678	5.676	ug/L	94
51) Chlorobenzene	9.449	112	85024	5.343	ug/L	99
52) Ethylbenzene	9.575	91	139839	5.266	ug/L	98
53) m,p-Xylene	9.697	106	55050	5.412	ug/L	100
54) o-Xylene	10.105	106	52975	5.397	ug/L	95
55) Styrene	10.118	104	92368	5.590	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.787	83	34711	5.644	ug/L	94
59) Bromoform	10.295	173	17627	5.712	ug/L	100
60) Isopropylbenzene	10.488	105	144447	5.281	ug/L	100
61) 1,2,3-Trichloropropane	10.825	75	26461	5.471	ug/L	98
62) 1,3,5-Trimethylbenzene	11.092	105	116563	5.212	ug/L	99
63) 1,2,4-Trimethylbenzene	11.472	105	117828	5.258	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	67224	5.268	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	67265	5.189	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	65268	5.334	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.999	75	4933	4.902	ug/L	92
69) 1,3,5-Trichlorobenzene	13.221	180	49963	5.234	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	41762	5.170	ug/L	99
71) Naphthalene	14.089	128	86352	5.203	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	42333	5.267	ug/L	98

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

