

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012822\
 Data File : VU046906.D
 Acq On : 28 Jan 2022 20:40
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005177

Quant Time: Jan 29 00:44:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jan 29 00:38:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	101002	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	113324	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	58678	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	33397	3.902	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.000%
7) Chloroethane-d5	1.919	69	32372	4.801	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.000%
11) 1,1-Dichloroethene-d2	2.571	65	15222	4.471	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.400%
20) 2-Butanone-d5	4.642	46	115756	45.655	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.300%
24) Chloroform-d	5.066	84	80114	5.332	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.600%
26) 1,2-Dichloroethane-d4	5.706	65	42809	5.232	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.600%
32) Benzene-d6	5.729	84	149375	4.485	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.600%
36) 1,2-Dichloropropane-d6	6.693	67	48732	4.873	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.400%
41) Toluene-d8	7.899	98	131434	4.311	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.200%
43) trans-1,3-Dichloroprop...	8.182	79	17770	4.046	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.000%
46) 2-Hexanone-d5	8.635	63	114446	44.011	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.020%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	48084	4.789	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.800%
66) 1,2-Dichlorobenzene-d4	12.195	152	47280	4.297	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	52775	5.555	ug/L	98
3) Chloromethane	1.526	50	51778	6.618	ug/L	98
5) Vinyl chloride	1.607	62	50222	6.166	ug/L	99
6) Bromomethane	1.864	94	29749	5.837	ug/L	97
8) Chloroethane	1.938	64	30357	6.475	ug/L	99
9) Trichlorofluoromethane	2.144	101	62510	6.298	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	33774	5.723	ug/L	98
12) 1,1-Dichloroethene	2.584	96	33860	6.004	ug/L	85
13) Acetone	2.658	43	51474	37.327	ug/L	98
14) Carbon disulfide	2.800	76	103906	5.610	ug/L	100
15) Methyl Acetate	2.964	43	16508	5.480	ug/L	99
16) Methylene chloride	3.050	84	38875	5.708	ug/L	92
17) Methyl tert-butyl Ether	3.369	73	76029	4.805	ug/L	99
18) trans-1,2-Dichloroethene	3.359	96	34044	5.573	ug/L	94
19) 1,1-Dichloroethane	3.877	63	63946	6.236	ug/L	98
21) 2-Butanone	4.722	43	88570	39.936	ug/L	97
22) cis-1,2-Dichloroethene	4.674	96	35749	5.548	ug/L	99
23) Bromochloromethane	4.980	128	16961	5.350	ug/L	98
25) Chloroform	5.092	83	68658	4.218	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	43503	6.055	ug/L	100
29) 1,1,1-Trichloroethane	5.324	97	56604	5.546	ug/L	99
30) Cyclohexane	5.394	56	49477	4.779	ug/L	100
31) Carbon tetrachloride	5.526	117	48607	5.550	ug/L	98
33) Benzene	5.777	78	146826	5.503	ug/L	100
34) Trichloroethene	6.546	95	36483	5.267	ug/L	97
35) Methylcyclohexane	6.767	83	50578	4.359	ug/L	96
37) 1,2-Dichloropropane	6.793	63	37473	5.725	ug/L	99
38) Bromodichloromethane	7.108	83	46316	4.917	ug/L	95
39) cis-1,3-Dichloropropene	7.610	75	48672	4.766	ug/L	100
40) 4-Methyl-2-pentanone	7.796	43	233964	48.759	ug/L	98
42) Toluene	7.970	91	153010	4.798	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	43941	4.830	ug/L	97
45) 1,1,2-Trichloroethane	8.401	97	29409	5.281	ug/L	95
47) Tetrachloroethene	8.555	164	26400	4.686	ug/L	95
48) 2-Hexanone	8.687	43	182140	50.289	ug/L	98
49) Dibromochloromethane	8.812	129	32439	4.939	ug/L	98
50) 1,2-Dibromoethane	8.925	107	27375	4.850	ug/L #	100
51) Chlorobenzene	9.449	112	93919	5.071	ug/L	98
52) Ethylbenzene	9.571	91	142847	4.711	ug/L	98
53) m,p-Xylene	9.697	106	57322	4.743	ug/L	98
54) o-Xylene	10.102	106	53800	4.592	ug/L	91
55) Styrene	10.118	104	94219	4.916	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.783	83	37676	5.031	ug/L	97
59) Bromoform	10.295	173	17931	4.962	ug/L	98
60) Isopropylbenzene	10.487	105	141221	5.166	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	27265	5.484	ug/L	96
62) 1,3,5-Trimethylbenzene	11.089	105	105308	4.694	ug/L	100
63) 1,2,4-Trimethylbenzene	11.471	105	107726	4.666	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	68400	5.007	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	68522	4.983	ug/L	96
67) 1,2-Dichlorobenzene	12.214	146	66547	5.036	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	5653	5.478	ug/L	96
69) 1,3,5-Trichlorobenzene	13.220	180	46940	4.358	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	37131	4.123	ug/L	98
71) Naphthalene	14.089	128	72868	3.974	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	37917	4.458	ug/L	97

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

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