

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010622\
 Data File : VU046679.D
 Acq On : 06 Jan 2022 11:29
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005142

Quant Time: Jan 07 03:07:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 30 04:21:35 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	94777	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	98773	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	56438	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	40066	5.367	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 107.400%	
7) Chloroethane-d5	1.919	69	30626	5.210	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 104.200%	
11) 1,1-Dichloroethene-d2	2.575	65	17157	5.450	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 109.000%	
20) 2-Butanone-d5	4.655	46	133870	61.821	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	= 123.640%	
24) Chloroform-d	5.070	84	77626	5.675	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 113.400%	
26) 1,2-Dichloroethane-d4	5.707	65	44248	5.658	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 113.200%	
32) Benzene-d6	5.732	84	150808	5.477	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 109.600%	
36) 1,2-Dichloropropane-d6	6.694	67	46197	5.584	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 111.600%	
41) Toluene-d8	7.899	98	137811	5.515	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 110.200%	
43) trans-1,3-Dichloroprop...	8.182	79	21520	5.624	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 112.400%	
46) 2-Hexanone-d5	8.639	63	127502	56.752	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 113.500%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	47917	5.643	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 112.800%	
66) 1,2-Dichlorobenzene-d4	12.195	152	52423	5.043	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 100.800%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	68803	4.744	ug/L	99
3) Chloromethane	1.523	50	48979	3.921	ug/L	100
5) Vinyl chloride	1.607	62	53264	4.332	ug/L	100
6) Bromomethane	1.864	94	32235	4.355	ug/L	99
8) Chloroethane	1.941	64	33147	4.592	ug/L	100
9) Trichlorofluoromethane	2.147	101	85746	5.331	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	49603	6.058	ug/L	97
12) 1,1-Dichloroethene	2.588	96	42725	5.125	ug/L	79
13) Acetone	2.681	43	128332	63.211	ug/L	85
14) Carbon disulfide	2.800	76	96618	3.548	ug/L	99
15) Methyl Acetate	2.967	43	27680	6.750	ug/L	97
16) Methylene chloride	3.054	84	63660	6.275	ug/L	91
17) Methyl tert-butyl Ether	3.369	73	136610	5.617	ug/L	97
18) trans-1,2-Dichloroethene	3.359	96	44567	5.011	ug/L	89
19) 1,1-Dichloroethane	3.877	63	88760	5.417	ug/L	99
21) 2-Butanone	4.732	43	190672	61.902	ug/L	94
22) cis-1,2-Dichloroethene	4.671	96	53711	5.525	ug/L	95
23) Bromochloromethane	4.980	128	26772	5.533	ug/L	88
25) Chloroform	5.096	83	101222	5.719	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	65434	5.179	ug/L	100
29) 1,1,1-Trichloroethane	5.321	97	85378	5.227	ug/L	98
30) Cyclohexane	5.395	56	64508	4.775	ug/L	94
31) Carbon tetrachloride	5.530	117	71993	5.253	ug/L	98
33) Benzene	5.777	78	198379	5.055	ug/L	100
34) Trichloroethene	6.546	95	51981	5.024	ug/L	99
35) Methylcyclohexane	6.768	83	74576	5.113	ug/L	96
37) 1,2-Dichloropropane	6.793	63	52924	5.287	ug/L	98
38) Bromodichloromethane	7.108	83	74555	5.381	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	78951	5.210	ug/L	98
40) 4-Methyl-2-pentanone	7.796	43	419385	55.810	ug/L	95
42) Toluene	7.973	91	218717	5.430	ug/L	100
44) trans-1,3-Dichloropropene	8.214	75	74250	5.287	ug/L	98
45) 1,1,2-Trichloroethane	8.404	97	48227	5.586	ug/L	95
47) Tetrachloroethene	8.555	164	39007	5.328	ug/L	97
48) 2-Hexanone	8.690	43	317423	56.562	ug/L #	95
49) Dibromochloromethane	8.813	129	55076	5.531	ug/L	98
50) 1,2-Dibromoethane	8.928	107	44447	5.334	ug/L	96
51) Chlorobenzene	9.449	112	144111	5.597	ug/L	98
52) Ethylbenzene	9.571	91	238266	5.714	ug/L	99
53) m,p-Xylene	9.697	106	95130	5.956	ug/L	98
54) o-Xylene	10.102	106	91513	5.962	ug/L	98
55) Styrene	10.118	104	164490	6.179	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.784	83	64775	5.742	ug/L	94
59) Bromoform	10.295	173	34992	5.367	ug/L	99
60) Isopropylbenzene	10.488	105	250020	5.744	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	47618	5.080	ug/L	97
62) 1,3,5-Trimethylbenzene	11.089	105	204823	5.658	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	212523	5.830	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	121916	5.762	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	124490	5.748	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	118815	5.599	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	10829	4.991	ug/L	89
69) 1,3,5-Trichlorobenzene	13.221	180	95788	5.982	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	82948	6.116	ug/L	99
71) Naphthalene	14.089	128	174980	5.809	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	81390	6.061	ug/L	99

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

