

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122321\
 Data File : VU046568.D
 Acq On : 23 Dec 2021 15:19
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005143

Quant Time: Dec 24 04:47:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 23 04:25:43 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	83136	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	82746	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	44923	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	24278	3.707	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.200%
7) Chloroethane-d5	1.919	69	20716	4.017	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.400%
11) 1,1-Dichloroethene-d2	2.575	65	10003	3.623	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.400%
20) 2-Butanone-d5	4.655	46	108836	57.298	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.600%
24) Chloroform-d	5.070	84	55863	4.656	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.200%
26) 1,2-Dichloroethane-d4	5.707	65	31793	4.635	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.600%
32) Benzene-d6	5.732	84	94663	4.104	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.000%
36) 1,2-Dichloropropane-d6	6.694	67	31336	4.521	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.400%
41) Toluene-d8	7.903	98	84735	4.048	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.000%
43) trans-1,3-Dichloroprop...	8.182	79	14201	4.430	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.600%
46) 2-Hexanone-d5	8.639	63	103261	54.865	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.720%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	36038	5.066	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.400%
66) 1,2-Dichlorobenzene-d4	12.195	152	36530	4.415	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	66935	5.262	ug/L	99
3) Chloromethane	1.523	50	49900	4.555	ug/L	98
5) Vinyl chloride	1.607	62	52627	4.879	ug/L	98
6) Bromomethane	1.864	94	31228	4.810	ug/L	98
8) Chloroethane	1.941	64	29615	4.677	ug/L	94
9) Trichlorofluoromethane	2.144	101	74000	5.245	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	39446	5.492	ug/L	95
12) 1,1-Dichloroethene	2.588	96	36046	4.929	ug/L #	72
13) Acetone	2.691	43	89945	50.507	ug/L	54
14) Carbon disulfide	2.800	76	110532	4.627	ug/L	100
15) Methyl Acetate	2.967	43	15250	4.239	ug/L #	83
16) Methylene chloride	3.054	84	42322	4.756	ug/L	93
17) Methyl tert-butyl Ether	3.369	73	102725	4.815	ug/L	99
18) trans-1,2-Dichloroethene	3.359	96	38951	4.993	ug/L	93
19) 1,1-Dichloroethane	3.877	63	68974	4.799	ug/L	99
21) 2-Butanone	4.732	43	141094	52.221	ug/L	100
22) cis-1,2-Dichloroethene	4.671	96	41524	4.869	ug/L	100
23) Bromochloromethane	4.980	128	20162	4.750	ug/L	91
25) Chloroform	5.096	83	74218	4.780	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	52420	4.729	ug/L	98
29) 1,1,1-Trichloroethane	5.321	97	67351	4.922	ug/L	98
30) Cyclohexane	5.395	56	59181	5.229	ug/L	96
31) Carbon tetrachloride	5.530	117	58105	5.061	ug/L	100
33) Benzene	5.777	78	157035	4.777	ug/L	100
34) Trichloroethene	6.546	95	41388	4.775	ug/L	98
35) Methylcyclohexane	6.768	83	66752	5.463	ug/L	96
37) 1,2-Dichloropropane	6.793	63	39782	4.744	ug/L	99
38) Bromodichloromethane	7.108	83	54688	4.711	ug/L #	97
39) cis-1,3-Dichloropropene	7.610	75	61479	4.843	ug/L	99
40) 4-Methyl-2-pentanone	7.796	43	305951	48.600	ug/L	96
42) Toluene	7.973	91	169696	5.029	ug/L	100
44) trans-1,3-Dichloropropene	8.214	75	57134	4.857	ug/L	97
45) 1,1,2-Trichloroethane	8.404	97	34245	4.735	ug/L	97
47) Tetrachloroethene	8.555	164	31465	5.131	ug/L	93
48) 2-Hexanone	8.690	43	236340	50.270	ug/L	97
49) Dibromochloromethane	8.812	129	40525	4.858	ug/L	98
50) 1,2-Dibromoethane	8.928	107	33783	4.839	ug/L	98
51) Chlorobenzene	9.449	112	108184	5.015	ug/L	97
52) Ethylbenzene	9.575	91	180427	5.165	ug/L	98
53) m,p-Xylene	9.697	106	71984	5.379	ug/L	95
54) o-Xylene	10.105	106	69125	5.376	ug/L	96
55) Styrene	10.118	104	119672	5.366	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.787	83	45387	4.802	ug/L	98
59) Bromoform	10.295	173	24453	4.712	ug/L	98
60) Isopropylbenzene	10.488	105	185294	5.348	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	34383	4.608	ug/L	96
62) 1,3,5-Trimethylbenzene	11.092	105	153460	5.326	ug/L	99
63) 1,2,4-Trimethylbenzene	11.472	105	157690	5.435	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	86974	5.164	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	87592	5.081	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	84987	5.031	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	8052	4.662	ug/L	84
69) 1,3,5-Trichlorobenzene	13.221	180	67531	5.298	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	55917	5.180	ug/L	98
71) Naphthalene	14.089	128	123991	5.172	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	56879	5.322	ug/L	98

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

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