

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012822\
 Data File : VU046884.D
 Acq On : 28 Jan 2022 10:56
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005176

Quant Time: Jan 28 13:00:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jan 28 00:56:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	110785	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	120266	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	65709	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	32903	3.505	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.000%
7) Chloroethane-d5	1.919	69	31404	4.246	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.000%
11) 1,1-Dichloroethene-d2	2.575	65	14652	3.924	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.400%
20) 2-Butanone-d5	4.649	46	115503	41.532	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.060%
24) Chloroform-d	5.070	84	76843	4.663	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.200%
26) 1,2-Dichloroethane-d4	5.706	65	40776	4.544	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.800%
32) Benzene-d6	5.732	84	146595	4.147	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.000%
36) 1,2-Dichloropropane-d6	6.697	67	46755	4.406	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.200%
41) Toluene-d8	7.902	98	129671	4.008	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.200%
43) trans-1,3-Dichloroprop...	8.182	79	18607	3.992	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.800%
46) 2-Hexanone-d5	8.639	63	119046	43.138	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.280%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	47779	4.484	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.600%
66) 1,2-Dichlorobenzene-d4	12.195	152	48098	3.903	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	78.000%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	56596	5.431	ug/L	100
3) Chloromethane	1.526	50	52297	6.094	ug/L	99
5) Vinyl chloride	1.607	62	52760	5.905	ug/L	100
6) Bromomethane	1.864	94	28873	5.165	ug/L	96
8) Chloroethane	1.941	64	30157	5.864	ug/L	96
9) Trichlorofluoromethane	2.147	101	65836	6.047	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	37117	5.734	ug/L	98
12) 1,1-Dichloroethene	2.588	96	35452	5.731	ug/L	79
13) Acetone	2.665	43	68131	45.043	ug/L	98
14) Carbon disulfide	2.803	76	108176	5.325	ug/L	99
15) Methyl Acetate	2.967	43	14351	4.344	ug/L	90
16) Methylene chloride	3.054	84	39134	5.239	ug/L	92
17) Methyl tert-butyl Ether	3.372	73	84078	4.844	ug/L	98
18) trans-1,2-Dichloroethene	3.359	96	35652	5.321	ug/L	96
19) 1,1-Dichloroethane	3.877	63	65835	5.853	ug/L	99
21) 2-Butanone	4.726	43	109147	44.869	ug/L	97
22) cis-1,2-Dichloroethene	4.674	96	38553	5.455	ug/L	99
23) Bromochloromethane	4.980	128	18249	5.248	ug/L	96
25) Chloroform	5.095	83	67721	3.793	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	46391	5.887	ug/L	100
29) 1,1,1-Trichloroethane	5.324	97	59109	5.457	ug/L	99
30) Cyclohexane	5.394	56	53143	4.837	ug/L	96
31) Carbon tetrachloride	5.530	117	50600	5.444	ug/L	100
33) Benzene	5.780	78	151493	5.350	ug/L	100
34) Trichloroethene	6.546	95	37455	5.095	ug/L	98
35) Methylcyclohexane	6.767	83	57042	4.632	ug/L	99
37) 1,2-Dichloropropane	6.796	63	39295	5.657	ug/L	99
38) Bromodichloromethane	7.108	83	49278	4.929	ug/L	100
39) cis-1,3-Dichloropropene	7.613	75	52638	4.857	ug/L	100
40) 4-Methyl-2-pentanone	7.796	43	255185	50.112	ug/L	98
42) Toluene	7.973	91	162627	4.805	ug/L	100
44) trans-1,3-Dichloropropene	8.214	75	48149	4.987	ug/L	100
45) 1,1,2-Trichloroethane	8.404	97	31120	5.266	ug/L	98
47) Tetrachloroethene	8.555	164	28855	4.826	ug/L	91
48) 2-Hexanone	8.690	43	200249	52.097	ug/L	97
49) Dibromochloromethane	8.812	129	34419	4.937	ug/L	100
50) 1,2-Dibromoethane	8.928	107	29108	4.859	ug/L	96
51) Chlorobenzene	9.452	112	99574	5.066	ug/L	99
52) Ethylbenzene	9.574	91	159091	4.944	ug/L	100
53) m,p-Xylene	9.697	106	62490	4.872	ug/L	95
54) o-Xylene	10.105	106	60066	4.831	ug/L	98
55) Styrene	10.118	104	102479	5.038	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.787	83	40730	5.125	ug/L	97
59) Bromoform	10.295	173	19693	4.867	ug/L	100
60) Isopropylbenzene	10.488	105	157320	5.140	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	30704	5.515	ug/L	99
62) 1,3,5-Trimethylbenzene	11.092	105	120815	4.809	ug/L	99
63) 1,2,4-Trimethylbenzene	11.471	105	126735	4.902	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	74968	4.900	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	76563	4.972	ug/L	97
67) 1,2-Dichlorobenzene	12.214	146	73064	4.937	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	6040	5.226	ug/L	95
69) 1,3,5-Trichlorobenzene	13.221	180	55294	4.584	ug/L	97
70) 1,2,4-trichlorobenzene	13.841	180	43693	4.333	ug/L	99
71) Naphthalene	14.089	128	89543	4.361	ug/L	100
72) 1,2,3-Trichlorobenzene	14.333	180	44904	4.714	ug/L	98

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

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