

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020122\
 Data File : VU046953.D
 Acq On : 01 Feb 2022 09:24
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005181

Quant Time: Feb 02 01:53:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 01 01:39:38 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/02/2022
 Supervised By : Mahesh Dadoda 02/02/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	111166	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	124208	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	66042	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	52337	5.556	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	111.200%
7) Chloroethane-d5	1.922	69	40623	5.473	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.400%
11) 1,1-Dichloroethene-d2	2.578	65	19741	5.268	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	105.400%
20) 2-Butanone-d5	4.661	46	122393	43.859	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.720%
24) Chloroform-d	5.070	84	81948	4.956	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.200%
26) 1,2-Dichloroethane-d4	5.710	65	44005	4.887	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.800%
32) Benzene-d6	5.735	84	161183	4.415	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.400%
36) 1,2-Dichloropropane-d6	6.697	67	49144	4.484	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.600%
41) Toluene-d8	7.902	98	145815	4.364	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.200%
43) trans-1,3-Dichloroprop...	8.182	79	20652	4.290	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.800%
46) 2-Hexanone-d5	8.642	63	124861	43.809	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.620%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	50795	4.616	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.400%
66) 1,2-Dichlorobenzene-d4	12.195	152	47960	3.872	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	77.400%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.391	85	54457	5.208	ug/L	99
3) Chloromethane	1.530	50	52414	6.087	ug/L	98
5) Vinyl chloride	1.610	62	52446	5.850	ug/L	99
6) Bromomethane	1.867	94	32991	5.881	ug/L	99
8) Chloroethane	1.944	64	33133	6.421	ug/L	96
9) Trichlorofluoromethane	2.147	101	66049	6.046	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.591	101	38662	5.952	ug/L	99
12) 1,1-Dichloroethene	2.591	96	36954	5.953	ug/L	84
13) Acetone	2.678	43	85544m	56.361	ug/L	
14) Carbon disulfide	2.803	76	110047	5.398	ug/L	99
15) Methyl Acetate	2.970	43	18386	5.546	ug/L	98
16) Methylene chloride	3.057	84	41790	5.575	ug/L	95
17) Methyl tert-butyl Ether	3.372	73	85305	4.898	ug/L	97
18) trans-1,2-Dichloroethene	3.362	96	35447	5.272	ug/L	99
19) 1,1-Dichloroethane	3.880	63	67351	5.967	ug/L	98
21) 2-Butanone	4.735	43	123692	50.673	ug/L	100
22) cis-1,2-Dichloroethene	4.674	96	37858	5.338	ug/L	95
23) Bromochloromethane	4.983	128	18697	5.358	ug/L	98
25) Chloroform	5.095	83	71947	4.016	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	48790	6.170	ug/L	100
29) 1,1,1-Trichloroethane	5.324	97	59456	5.315	ug/L	98
30) Cyclohexane	5.398	56	52145	4.595	ug/L	99
31) Carbon tetrachloride	5.533	117	49597	5.167	ug/L	100
33) Benzene	5.780	78	154467	5.282	ug/L	100
34) Trichloroethene	6.546	95	36967	4.869	ug/L	98
35) Methylcyclohexane	6.767	83	51747	4.069	ug/L	96
37) 1,2-Dichloropropane	6.796	63	38779	5.405	ug/L	99
38) Bromodichloromethane	7.111	83	50783	4.919	ug/L	98
39) cis-1,3-Dichloropropene	7.613	75	52537	4.694	ug/L	95
40) 4-Methyl-2-pentanone	7.800	43	290788	55.291	ug/L	99
42) Toluene	7.973	91	167890	4.803	ug/L	99
44) trans-1,3-Dichloropropene	8.214	75	49946	5.009	ug/L	99
45) 1,1,2-Trichloroethane	8.404	97	33092	5.422	ug/L	98
47) Tetrachloroethene	8.558	164	27814	4.504	ug/L	94
48) 2-Hexanone	8.690	43	233061	58.709	ug/L	98
49) Dibromochloromethane	8.812	129	35435	4.922	ug/L	97
50) 1,2-Dibromoethane	8.928	107	31196	5.043	ug/L	100
51) Chlorobenzene	9.449	112	96343	4.746	ug/L	99
52) Ethylbenzene	9.574	91	151845	4.569	ug/L	100
53) m,p-Xylene	9.697	106	61419	4.636	ug/L	95
54) o-Xylene	10.105	106	55976	4.359	ug/L	97
55) Styrene	10.118	104	99249	4.725	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.787	83	45429	5.535	ug/L	99
59) Bromoform	10.295	173	19799	4.868	ug/L	96
60) Isopropylbenzene	10.488	105	146913	4.775	ug/L	100
61) 1,2,3-Trichloropropane	10.825	75	33371	5.964	ug/L	99
62) 1,3,5-Trimethylbenzene	11.092	105	107098	4.241	ug/L	100
63) 1,2,4-Trimethylbenzene	11.471	105	110265	4.243	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	72170	4.693	ug/L	97
65) 1,4-Dichlorobenzene	11.838	146	71824	4.641	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	70015	4.707	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.999	75	6844	5.892	ug/L	96
69) 1,3,5-Trichlorobenzene	13.221	180	50959	4.203	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	39563	3.903	ug/L	100
71) Naphthalene	14.085	128	81493	3.949	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	41809	4.367	ug/L	98

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

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