

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU013122\
 Data File : VU046931.D
 Acq On : 31 Jan 2022 20:44
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005179

Quant Time: Feb 01 00:29:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 01 00:23:47 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/01/2022
 Supervised By : Mahesh Dadoda 02/01/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	110680	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	121929	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	63835	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	55460	5.913	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	118.200%
7) Chloroethane-d5	1.919	69	40173	5.437	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.800%
11) 1,1-Dichloroethene-d2	2.575	65	20903	5.603	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	112.000%
20) 2-Butanone-d5	4.655	46	133109	47.908	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.820%
24) Chloroform-d	5.067	84	81974	4.979	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.600%
26) 1,2-Dichloroethane-d4	5.707	65	44254	4.936	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.800%
32) Benzene-d6	5.732	84	163902	4.574	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.400%
36) 1,2-Dichloropropane-d6	6.694	67	50987	4.739	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.800%
41) Toluene-d8	7.899	98	150403	4.585	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.800%
43) trans-1,3-Dichloroprop...	8.182	79	20701	4.381	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.600%
46) 2-Hexanone-d5	8.639	63	119563	42.734	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.460%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	47703	4.416	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.400%
66) 1,2-Dichlorobenzene-d4	12.195	152	48320	4.036	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	80.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	50861	4.885	ug/L	99
3) Chloromethane	1.527	50	50317	5.869	ug/L	100
5) Vinyl chloride	1.607	62	50376	5.644	ug/L	100
6) Bromomethane	1.864	94	30446	5.451	ug/L	100
8) Chloroethane	1.941	64	30521	5.940	ug/L	99
9) Trichlorofluoromethane	2.147	101	61767	5.679	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	34876	5.393	ug/L	98
12) 1,1-Dichloroethene	2.588	96	34143	5.525	ug/L	91
13) Acetone	2.678	43	70599m	46.719	ug/L	
14) Carbon disulfide	2.800	76	103550	5.102	ug/L	98
15) Methyl Acetate	2.970	43	14192	4.300	ug/L #	86
16) Methylene chloride	3.054	84	39452	5.286	ug/L	96
17) Methyl tert-butyl Ether	3.369	73	80527	4.644	ug/L	98
18) trans-1,2-Dichloroethene	3.359	96	33437	4.995	ug/L	97
19) 1,1-Dichloroethane	3.877	63	64326	5.724	ug/L	100
21) 2-Butanone	4.736	43	115076	47.351	ug/L	97
22) cis-1,2-Dichloroethene	4.674	96	36539	5.175	ug/L	98
23) Bromochloromethane	4.980	128	17535	5.048	ug/L	98
25) Chloroform	5.092	83	68359	3.832	ug/L	98

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27) 1,2-Dichloroethane	5.800	62	44569	5.661	ug/L	98
29) 1,1,1-Trichloroethane	5.321	97	55998	5.099	ug/L	99
30) Cyclohexane	5.395	56	50548	4.538	ug/L	100
31) Carbon tetrachloride	5.530	117	46673	4.953	ug/L	99
33) Benzene	5.777	78	147399	5.135	ug/L	100
34) Trichloroethene	6.546	95	35369	4.745	ug/L	98
35) Methylcyclohexane	6.768	83	49486	3.964	ug/L	98
37) 1,2-Dichloropropane	6.793	63	38136	5.415	ug/L	99
38) Bromodichloromethane	7.108	83	47358	4.673	ug/L	98
39) cis-1,3-Dichloropropene	7.610	75	48846	4.446	ug/L	98
40) 4-Methyl-2-pentanone	7.797	43	256084	49.603	ug/L	98
42) Toluene	7.970	91	154099	4.491	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	46357	4.736	ug/L	98
45) 1,1,2-Trichloroethane	8.401	97	30314	5.060	ug/L	98
47) Tetrachloroethene	8.555	164	27629	4.558	ug/L	96
48) 2-Hexanone	8.687	43	198529	50.945	ug/L	98
49) Dibromochloromethane	8.813	129	33006	4.670	ug/L	93
50) 1,2-Dibromoethane	8.925	107	28202	4.644	ug/L	98
51) Chlorobenzene	9.449	112	91573	4.595	ug/L	100
52) Ethylbenzene	9.571	91	142860	4.379	ug/L	99
53) m,p-Xylene	9.697	106	56389	4.336	ug/L	96
54) o-Xylene	10.102	106	54841	4.351	ug/L	97
55) Styrene	10.118	104	93914	4.554	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.784	83	40196	4.989	ug/L	96
59) Bromoform	10.292	173	18666	4.748	ug/L	99
60) Isopropylbenzene	10.485	105	138807	4.668	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	29013	5.364	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	102917	4.217	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	105610	4.205	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	67480	4.540	ug/L	97
65) 1,4-Dichlorobenzene	11.838	146	67483	4.511	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	66631	4.635	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.996	75	5740	5.113	ug/L	95
69) 1,3,5-Trichlorobenzene	13.221	180	45548	3.887	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	36074	3.682	ug/L	98
71) Naphthalene	14.086	128	74563	3.738	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	38227	4.131	ug/L	98

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

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