

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020222\
 Data File : VU047014.D
 Acq On : 02 Feb 2022 20:17
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005185

Quant Time: Feb 03 03:03:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Feb 03 02:56:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	100498	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	116268	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	63687	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	44816	5.263	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.200%
7) Chloroethane-d5	1.919	69	35681	5.318	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.400%
11) 1,1-Dichloroethene-d2	2.572	65	18293	5.400	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	108.000%
20) 2-Butanone-d5	4.642	46	98688	39.118	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.240%
24) Chloroform-d	5.067	84	78050	5.221	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.400%
26) 1,2-Dichloroethane-d4	5.707	65	39897	4.901	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.000%
32) Benzene-d6	5.732	84	150313	4.399	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.000%
36) 1,2-Dichloropropane-d6	6.694	67	46792	4.561	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.200%
41) Toluene-d8	7.899	98	136331	4.359	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.200%
43) trans-1,3-Dichloroprop...	8.182	79	17367	3.854	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.000%
46) 2-Hexanone-d5	8.636	63	89888	33.692	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	67.380%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	42517	4.128	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.600%
66) 1,2-Dichlorobenzene-d4	12.195	152	46957	3.932	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	78.600%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	42552	4.501	ug/L	100
3) Chloromethane	1.527	50	47032	6.042	ug/L	100
5) Vinyl chloride	1.607	62	46546	5.743	ug/L	99
6) Bromomethane	1.861	94	26812	5.287	ug/L	98
8) Chloroethane	1.938	64	29375	6.297	ug/L	99
9) Trichlorofluoromethane	2.144	101	59854	6.061	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	34033	5.796	ug/L	99
12) 1,1-Dichloroethene	2.584	96	32165	5.732	ug/L	90
13) Acetone	2.655	43	52341	38.146	ug/L	100
14) Carbon disulfide	2.800	76	96303	5.225	ug/L	100
15) Methyl Acetate	2.967	43	12266	4.093	ug/L	92
16) Methylene chloride	3.051	84	35879	5.294	ug/L	98
17) Methyl tert-butyl Ether	3.369	73	68061	4.323	ug/L	99
18) trans-1,2-Dichloroethene	3.359	96	31756	5.225	ug/L	91
19) 1,1-Dichloroethane	3.877	63	61535	6.031	ug/L	99
21) 2-Butanone	4.723	43	82802	37.523	ug/L	99
22) cis-1,2-Dichloroethene	4.671	96	32756	5.109	ug/L	98
23) Bromochloromethane	4.980	128	15434	4.893	ug/L	95
25) Chloroform	5.092	83	65306	4.032	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	40183	5.621	ug/L	100
29) 1,1,1-Trichloroethane	5.321	97	52732	5.036	ug/L	99
30) Cyclohexane	5.395	56	43510	4.096	ug/L	98
31) Carbon tetrachloride	5.526	117	44710	4.976	ug/L	99
33) Benzene	5.777	78	137209	5.012	ug/L	100
34) Trichloroethene	6.542	95	33480	4.711	ug/L	97
35) Methylcyclohexane	6.768	83	45203	3.797	ug/L	98
37) 1,2-Dichloropropane	6.793	63	36165	5.385	ug/L	100
38) Bromodichloromethane	7.108	83	44175	4.571	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	43908	4.191	ug/L	97
40) 4-Methyl-2-pentanone	7.796	43	199518	40.528	ug/L	99
42) Toluene	7.973	91	143289	4.379	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	40018	4.287	ug/L	100
45) 1,1,2-Trichloroethane	8.401	97	26719	4.677	ug/L	98
47) Tetrachloroethene	8.555	164	25556	4.421	ug/L	95
48) 2-Hexanone	8.687	43	161032	43.335	ug/L	100
49) Dibromochloromethane	8.813	129	31116	4.617	ug/L	96
50) 1,2-Dibromoethane	8.925	107	24620	4.252	ug/L #	93
51) Chlorobenzene	9.449	112	89145	4.691	ug/L	98
52) Ethylbenzene	9.575	91	133739	4.299	ug/L	100
53) m,p-Xylene	9.697	106	52881	4.264	ug/L	97
54) o-Xylene	10.105	106	48790	4.059	ug/L	100
55) Styrene	10.118	104	88162	4.484	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.783	83	34715	4.518	ug/L	95
59) Bromoform	10.292	173	16176	4.125	ug/L	99
60) Isopropylbenzene	10.488	105	127958	4.313	ug/L	99
61) 1,2,3-Trichloropropane	10.822	75	24897	4.614	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	91936	3.775	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	93611	3.736	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	67444	4.548	ug/L	97
65) 1,4-Dichlorobenzene	11.838	146	66468	4.454	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	62886	4.384	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.996	75	4481	4.001	ug/L	96
69) 1,3,5-Trichlorobenzene	13.217	180	45368	3.880	ug/L	97
70) 1,2,4-trichlorobenzene	13.841	180	35584	3.641	ug/L	100
71) Naphthalene	14.086	128	64645	3.249	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	37018	4.010	ug/L	98

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

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