

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U0020422\
 Data File : U0047057.D
 Acq On : 04 Feb 2022 19:59
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005189

Quant Time: Feb 05 01:36:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR020422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Feb 05 01:18:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	97565	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	108546	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	62858	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	61596	4.921	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.400%
7) Chloroethane-d5	1.919	69	46894	4.853	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.000%
11) 1,1-Dichloroethene-d2	2.571	65	23615	5.271	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	105.400%
20) 2-Butanone-d5	4.632	46	130080	51.978	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.960%
24) Chloroform-d	5.067	84	104028	5.211	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.200%
26) 1,2-Dichloroethane-d4	5.706	65	52470	5.145	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.800%
32) Benzene-d6	5.732	84	207335	5.454	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.000%
36) 1,2-Dichloropropane-d6	6.693	67	62798	5.295	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.000%
41) Toluene-d8	7.899	98	190355	5.645	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.800%
43) trans-1,3-Dichloroprop...	8.182	79	24705	5.467	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	109.400%
46) 2-Hexanone-d5	8.636	63	115327	55.096	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.200%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	55563	5.488	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.800%
66) 1,2-Dichlorobenzene-d4	12.195	152	66314	5.182	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	48853	5.493	ug/L	100
3) Chloromethane	1.526	50	55019	5.021	ug/L	98
5) Vinyl chloride	1.607	62	55909	5.069	ug/L	97
6) Bromomethane	1.864	94	30387	4.975	ug/L	97
8) Chloroethane	1.938	64	32346	4.942	ug/L	96
9) Trichlorofluoromethane	2.144	101	70197	5.033	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	40651	4.951	ug/L	97
12) 1,1-Dichloroethene	2.588	96	37956	5.240	ug/L	89
13) Acetone	2.645	43	63302	43.828	ug/L	100
14) Carbon disulfide	2.800	76	114494	5.047	ug/L	98
15) Methyl Acetate	2.961	43	15985	5.330	ug/L	99
16) Methylene chloride	3.051	84	44034	4.808	ug/L	97
17) Methyl tert-butyl Ether	3.369	73	83438	5.237	ug/L	99
18) trans-1,2-Dichloroethene	3.359	96	39403	5.210	ug/L	99
19) 1,1-Dichloroethane	3.877	63	73503	5.226	ug/L	97
21) 2-Butanone	4.713	43	104461	50.468	ug/L	98
22) cis-1,2-Dichloroethene	4.671	96	42545	5.355	ug/L	96
23) Bromochloromethane	4.980	128	20597	5.374	ug/L	96
25) Chloroform	5.092	83	76990	4.808	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	47426	5.164	ug/L	98
29) 1,1,1-Trichloroethane	5.321	97	65458	5.276	ug/L	98
30) Cyclohexane	5.394	56	52354	5.227	ug/L	98
31) Carbon tetrachloride	5.526	117	55405	5.228	ug/L	96
33) Benzene	5.777	78	168039	5.512	ug/L	100
34) Trichloroethene	6.546	95	41940	5.441	ug/L	95
35) Methylcyclohexane	6.767	83	53131	4.974	ug/L	98
37) 1,2-Dichloropropane	6.793	63	43107	5.347	ug/L	98
38) Bromodichloromethane	7.108	83	53649	5.123	ug/L	97
39) cis-1,3-Dichloropropene	7.610	75	56282	5.376	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	238718	55.443	ug/L	99
42) Toluene	7.973	91	180829	5.773	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	51448	5.500	ug/L	96
45) 1,1,2-Trichloroethane	8.404	97	34207	5.704	ug/L	96
47) Tetrachloroethene	8.555	164	38759	6.480	ug/L	96
48) 2-Hexanone	8.687	43	187180	56.454	ug/L	98
49) Dibromochloromethane	8.812	129	37572	5.363	ug/L	95
50) 1,2-Dibromoethane	8.925	107	31283	5.647	ug/L	93
51) Chlorobenzene	9.449	112	111265	5.413	ug/L	97
52) Ethylbenzene	9.574	91	169212	5.375	ug/L	100
53) m,p-Xylene	9.697	106	67794	5.540	ug/L	95
54) o-Xylene	10.102	106	65312	5.741	ug/L	98
55) Styrene	10.118	104	115742	5.782	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.783	83	41288	5.291	ug/L	98
59) Bromoform	10.291	173	20674	5.194	ug/L	97
60) Isopropylbenzene	10.488	105	168335	5.430	ug/L	100
61) 1,2,3-Trichloropropane	10.822	75	30341	5.174	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	120902	5.082	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	126710	5.246	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	86879	5.245	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	87048	5.087	ug/L	97
67) 1,2-Dichlorobenzene	12.214	146	83520	5.225	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.995	75	5914	4.887	ug/L	96
69) 1,3,5-Trichlorobenzene	13.221	180	61766	4.967	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	49297	4.867	ug/L	96
71) Naphthalene	14.085	128	85946	4.903	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	49455	5.116	ug/L	98

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

