

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020122\
 Data File : VU046992.D
 Acq On : 02 Feb 2022 03:23
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005183

Quant Time: Feb 02 04:10:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 02 03:49:05 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	101744	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	114177	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	60704	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	51336	5.954	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	119.000%
7) Chloroethane-d5	1.922	69	39636	5.835	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	116.800%
11) 1,1-Dichloroethene-d2	2.575	65	17848	5.204	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	104.000%
20) 2-Butanone-d5	4.639	46	127872	50.066	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.140%
24) Chloroform-d	5.070	84	80697	5.332	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.600%
26) 1,2-Dichloroethane-d4	5.706	65	43928	5.330	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.600%
32) Benzene-d6	5.732	84	153575	4.577	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
36) 1,2-Dichloropropane-d6	6.693	67	47863	4.751	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.000%
41) Toluene-d8	7.899	98	134244	4.371	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.400%
43) trans-1,3-Dichloroprop...	8.182	79	19239	4.348	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.000%
46) 2-Hexanone-d5	8.636	63	109946	41.965	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.920%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	47286	4.675	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.400%
66) 1,2-Dichlorobenzene-d4	12.192	152	45385	3.987	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	79.800%#
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	42432	4.434	ug/L	99
3) Chloromethane	1.526	50	50337	6.387	ug/L	97
5) Vinyl chloride	1.610	62	47614	5.803	ug/L	99
6) Bromomethane	1.864	94	29307	5.708	ug/L	99
8) Chloroethane	1.941	64	30416	6.440	ug/L	99
9) Trichlorofluoromethane	2.147	101	54670	5.468	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.591	101	28868	4.856	ug/L	98
12) 1,1-Dichloroethene	2.591	96	30452	5.360	ug/L	82
13) Acetone	2.655	43	68906	49.603	ug/L	99
14) Carbon disulfide	2.803	76	91390	4.898	ug/L	99
15) Methyl Acetate	2.960	43	17621	5.807	ug/L	97
16) Methylene chloride	3.054	84	40184	5.857	ug/L	96
17) Methyl tert-butyl Ether	3.369	73	80416	5.045	ug/L	98
18) trans-1,2-Dichloroethene	3.359	96	31847	5.175	ug/L	98
19) 1,1-Dichloroethane	3.877	63	63296	6.127	ug/L	99
21) 2-Butanone	4.719	43	111813	50.049	ug/L	98
22) cis-1,2-Dichloroethene	4.674	96	35491	5.468	ug/L	98
23) Bromochloromethane	4.980	128	17984	5.631	ug/L	97
25) Chloroform	5.092	83	67335	4.107	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	44068	6.089	ug/L	97
29) 1,1,1-Trichloroethane	5.321	97	50541	4.915	ug/L	98
30) Cyclohexane	5.394	56	38065	3.649	ug/L	98
31) Carbon tetrachloride	5.530	117	39756	4.505	ug/L	100
33) Benzene	5.780	78	138547	5.154	ug/L	100
34) Trichloroethene	6.546	95	31960	4.579	ug/L	97
35) Methylcyclohexane	6.767	83	37630	3.219	ug/L	97
37) 1,2-Dichloropropane	6.793	63	37760	5.726	ug/L	100
38) Bromodichloromethane	7.108	83	45773	4.823	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	45518	4.424	ug/L	98
40) 4-Methyl-2-pentanone	7.793	43	252151	52.157	ug/L	99
42) Toluene	7.973	91	136445	4.247	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	43223	4.715	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	30431	5.424	ug/L	96
47) Tetrachloroethene	8.555	164	22030	3.881	ug/L	95
48) 2-Hexanone	8.687	43	195711	53.632	ug/L	98
49) Dibromochloromethane	8.812	129	31843	4.812	ug/L	96
50) 1,2-Dibromoethane	8.925	107	28044	4.932	ug/L	99
51) Chlorobenzene	9.449	112	83733	4.487	ug/L	100
52) Ethylbenzene	9.571	91	122085	3.997	ug/L	100
53) m,p-Xylene	9.697	106	47860	3.930	ug/L	96
54) o-Xylene	10.105	106	47176	3.997	ug/L	99
55) Styrene	10.118	104	83413	4.320	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.783	83	39100	5.182	ug/L	95
59) Bromoform	10.291	173	17738	4.745	ug/L	99
60) Isopropylbenzene	10.488	105	114376	4.045	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	28909	5.621	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	82713	3.564	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	87777	3.675	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	61932	4.382	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	62990	4.428	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	61092	4.469	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	5757	5.392	ug/L	96
69) 1,3,5-Trichlorobenzene	13.217	180	42419	3.807	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	35430	3.803	ug/L	100
71) Naphthalene	14.085	128	71452	3.767	ug/L	98
72) 1,2,3-Trichlorobenzene	14.330	180	36911	4.194	ug/L	99

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

