

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030822\
 Data File : VU047381.D
 Acq On : 08 Mar 2022 10:02
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005088

Quant Time: Mar 09 01:57:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 04 23:20:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	170680	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	165149	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	92345	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	42527	3.511	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.200%
7) Chloroethane-d5	1.919	69	43128	4.268	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.400%
11) 1,1-Dichloroethene-d2	2.571	65	18195	3.556	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.200%
20) 2-Butanone-d5	4.642	46	181844	45.724	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.440%
24) Chloroform-d	5.070	84	106811	4.772	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
26) 1,2-Dichloroethane-d4	5.706	65	58955	4.693	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.800%
32) Benzene-d6	5.732	84	197468	4.245	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.000%
36) 1,2-Dichloropropane-d6	6.693	67	67845	4.683	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.600%
41) Toluene-d8	7.899	98	172602	3.930	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.600%
43) trans-1,3-Dichloroprop...	8.182	79	28689	4.507	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.200%
46) 2-Hexanone-d5	8.636	63	180284	49.760	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.520%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	70231	4.759	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.200%
66) 1,2-Dichlorobenzene-d4	12.195	152	80064	4.424	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	61507	5.716	ug/L	99
3) Chloromethane	1.526	50	59758	5.022	ug/L	100
5) Vinyl chloride	1.607	62	59756	5.280	ug/L	98
6) Bromomethane	1.864	94	34005	5.548	ug/L	97
8) Chloroethane	1.941	64	36169	5.525	ug/L	99
9) Trichlorofluoromethane	2.144	101	78905	5.609	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	47992	5.844	ug/L	91
12) 1,1-Dichloroethene	2.588	96	45951	5.493	ug/L #	72
13) Acetone	2.658	43	67781	42.222	ug/L	99
14) Carbon disulfide	2.800	76	145380	5.391	ug/L	99
15) Methyl Acetate	2.964	43	18350	4.989	ug/L	93
16) Methylene chloride	3.054	84	55250	5.673	ug/L	90
17) Methyl tert-butyl Ether	3.369	73	116890	5.218	ug/L	98
18) trans-1,2-Dichloroethene	3.362	96	49323	5.429	ug/L	89
19) 1,1-Dichloroethane	3.877	63	82802	5.474	ug/L	99
21) 2-Butanone	4.723	43	127839	41.891	ug/L	95
22) cis-1,2-Dichloroethene	4.671	96	53893	5.449	ug/L	96
23) Bromochloromethane	4.980	128	26392	5.343	ug/L	85
25) Chloroform	5.092	83	89282	5.395	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	57110	5.123	ug/L	100
29) 1,1,1-Trichloroethane	5.321	97	76704	5.531	ug/L	98
30) Cyclohexane	5.391	56	74950	5.523	ug/L	93
31) Carbon tetrachloride	5.530	117	67379	5.627	ug/L	99
33) Benzene	5.777	78	199310	5.348	ug/L	100
34) Trichloroethene	6.546	95	53520	5.463	ug/L	92
35) Methylcyclohexane	6.767	83	87062	5.796	ug/L	96
37) 1,2-Dichloropropane	6.793	63	49176	5.320	ug/L	99
38) Bromodichloromethane	7.108	83	65187	5.374	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	77026	5.248	ug/L	99
40) 4-Methyl-2-pentanone	7.796	43	335364	48.101	ug/L	97
42) Toluene	7.970	91	218878	5.418	ug/L	99
44) trans-1,3-Dichloropropene	8.214	75	69307	5.329	ug/L	98
45) 1,1,2-Trichloroethane	8.401	97	41513	5.194	ug/L	98
47) Tetrachloroethene	8.555	164	46065	5.520	ug/L	93
48) 2-Hexanone	8.687	43	255178	49.071	ug/L	100
49) Dibromochloromethane	8.812	129	49437	5.256	ug/L	97
50) 1,2-Dibromoethane	8.925	107	42156	5.163	ug/L #	96
51) Chlorobenzene	9.449	112	146226	5.375	ug/L	94
52) Ethylbenzene	9.571	91	238022	5.508	ug/L	98
53) m,p-Xylene	9.697	106	93706	5.456	ug/L	99
54) o-Xylene	10.102	106	89668	5.415	ug/L	100
55) Styrene	10.115	104	153444	5.465	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.783	83	54377	4.915	ug/L	94
59) Bromoform	10.295	173	31693	5.320	ug/L #	99
60) Isopropylbenzene	10.488	105	237238	5.726	ug/L	98
61) 1,2,3-Trichloropropane	10.825	75	38694	5.047	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	157043	5.680	ug/L	97
63) 1,2,4-Trimethylbenzene	11.468	105	203480	5.650	ug/L	97
64) 1,3-Dichlorobenzene	11.748	146	124928	5.636	ug/L	96
65) 1,4-Dichlorobenzene	11.838	146	126191	5.557	ug/L	97
67) 1,2-Dichlorobenzene	12.214	146	121321	5.535	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.995	75	8983	5.128	ug/L #	76
69) 1,3,5-Trichlorobenzene	13.221	180	107803	5.833	ug/L	97
70) 1,2,4-trichlorobenzene	13.841	180	94868	5.648	ug/L	98
71) Naphthalene	14.089	128	164281	4.906	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	85254	5.453	ug/L	96

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

