

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020322\
 Data File : VU047037.D
 Acq On : 03 Feb 2022 21:28
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005187

Quant Time: Feb 04 05:51:17 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	104868	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	122248	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	67557	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	43928	4.943	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.800%
7) Chloroethane-d5	1.919	69	36284	5.182	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.600%
11) 1,1-Dichloroethene-d2	2.571	65	16634	4.706	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.200%
20) 2-Butanone-d5	4.636	46	106548	40.474	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.940%
24) Chloroform-d	5.067	84	80651	5.170	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.400%
26) 1,2-Dichloroethane-d4	5.706	65	41382	4.871	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.400%
32) Benzene-d6	5.732	84	153106	4.261	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.200%
36) 1,2-Dichloropropane-d6	6.694	67	48051	4.454	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.000%
41) Toluene-d8	7.899	98	138018	4.197	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.000%
43) trans-1,3-Dichloroprop...	8.182	79	18297	3.862	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.200%
46) 2-Hexanone-d5	8.636	63	92997	33.152	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	66.300%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	42885	3.960	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.200%
66) 1,2-Dichlorobenzene-d4	12.195	152	48875	3.858	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	77.200%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	39708	4.025	ug/L	99
3) Chloromethane	1.527	50	47615	5.862	ug/L	99
5) Vinyl chloride	1.607	62	46472	5.495	ug/L	99
6) Bromomethane	1.861	94	23932	4.523	ug/L	96
8) Chloroethane	1.938	64	28477	5.850	ug/L	100
9) Trichlorofluoromethane	2.144	101	59609	5.784	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	33053	5.394	ug/L	97
12) 1,1-Dichloroethene	2.584	96	30917	5.280	ug/L	91
13) Acetone	2.649	43	53131	37.108	ug/L	98
14) Carbon disulfide	2.800	76	95185	4.949	ug/L	99
15) Methyl Acetate	2.957	43	13487	4.312	ug/L	100
16) Methylene chloride	3.051	84	36900	5.218	ug/L	95
17) Methyl tert-butyl Ether	3.369	73	68010	4.140	ug/L	98
18) trans-1,2-Dichloroethene	3.359	96	31908	5.031	ug/L	94
19) 1,1-Dichloroethane	3.877	63	62224	5.844	ug/L	97
21) 2-Butanone	4.713	43	84340	36.627	ug/L	97
22) cis-1,2-Dichloroethene	4.671	96	34274	5.123	ug/L	97
23) Bromochloromethane	4.977	128	16638	5.055	ug/L	92
25) Chloroform	5.092	83	65671	3.886	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	39592	5.308	ug/L	97
29) 1,1,1-Trichloroethane	5.321	97	53713	4.878	ug/L	99
30) Cyclohexane	5.395	56	42561	3.811	ug/L	98
31) Carbon tetrachloride	5.530	117	45481	4.814	ug/L	98
33) Benzene	5.777	78	135956	4.724	ug/L	100
34) Trichloroethene	6.542	95	33362	4.464	ug/L	98
35) Methylcyclohexane	6.767	83	43880	3.506	ug/L	99
37) 1,2-Dichloropropane	6.793	63	35543	5.034	ug/L	98
38) Bromodichloromethane	7.108	83	44477	4.377	ug/L	97
39) cis-1,3-Dichloropropene	7.610	75	43469	3.946	ug/L	98
40) 4-Methyl-2-pentanone	7.793	43	188815	36.477	ug/L	98
42) Toluene	7.973	91	144862	4.211	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	40487	4.125	ug/L	100
45) 1,1,2-Trichloroethane	8.401	97	26612	4.430	ug/L	97
47) Tetrachloroethene	8.555	164	26070	4.289	ug/L	91
48) 2-Hexanone	8.687	43	152299	38.980	ug/L	99
49) Dibromochloromethane	8.812	129	29382	4.147	ug/L	96
50) 1,2-Dibromoethane	8.925	107	24347	3.999	ug/L	88
51) Chlorobenzene	9.449	112	89511	4.480	ug/L	99
52) Ethylbenzene	9.574	91	135371	4.139	ug/L	98
53) m,p-Xylene	9.697	106	52581	4.033	ug/L	93
54) o-Xylene	10.105	106	51594	4.082	ug/L	99
55) Styrene	10.118	104	88574	4.284	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.783	83	33962	4.204	ug/L	95
59) Bromoform	10.291	173	15907	3.824	ug/L	100
60) Isopropylbenzene	10.488	105	130758	4.155	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	24697	4.315	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	92995	3.600	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	96187	3.619	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	68991	4.386	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	69556	4.394	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	65257	4.289	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.999	75	4650	3.914	ug/L	93
69) 1,3,5-Trichlorobenzene	13.221	180	47166	3.803	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	38254	3.690	ug/L	100
71) Naphthalene	14.085	128	63603	3.013	ug/L	98
72) 1,2,3-Trichlorobenzene	14.330	180	38228	3.903	ug/L	99

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

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