

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011421\
 Data File : VU042022.D
 Acq On : 14 Jan 2021 10:02
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00599

Quant Time: Jan 15 05:13:13 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jan 15 02:46:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	123645	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	104647	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.806	152	53252	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	46437	4.97	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.40%
7) Chloroethane-d5	1.919	69	46158	5.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.60%
11) 1,1-Dichloroethene-d2	2.578	63	98735	5.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	105.00%
20) 2-Butanone-d5	4.652	46	175641	56.09	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.18%
24) Chloroform-d	5.076	84	104094	5.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.00%
26) 1,2-Dichloroethane-d4	5.713	65	55523	5.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.60%
32) Benzene-d6	5.739	84	196104	5.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	115.80%
36) 1,2-Dichloropropane-d6	6.700	67	53610	4.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.60%
41) Toluene-d8	7.902	98	147307	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
43) trans-1,3-Dichloroprop...	8.182	79	22833	5.12	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.40%
46) 2-Hexanone-d5	8.639	63	126329	55.26	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.52%
57) 1,1,2,2-Tetrachloroeth...	10.754	84	46571	5.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.20%
64) 1,2-Dichlorobenzene-d4	12.188	152	52524	5.24	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.80%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	64487	5.67	ug/L	99
3) Chloromethane	1.523	50	74058	5.19	ug/L	99
5) Vinyl chloride	1.607	62	76275	5.20	ug/L	98
6) Bromomethane	1.864	94	46602	5.14	ug/L	95
8) Chloroethane	1.941	64	45416	5.07	ug/L	97
9) Trichlorofluoromethane	2.144	101	100193	5.43	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.591	101	55346	5.60	ug/L	98
12) 1,1-Dichloroethene	2.588	96	52474	5.40	ug/L	99
13) Acetone	2.658	43	108905	55.65	ug/L	91
14) Carbon disulfide	2.803	76	171004	5.37	ug/L	100
15) Methyl Acetate	2.967	43	26029	5.45	ug/L	98
16) Methylene chloride	3.057	84	58922	5.23	ug/L	97
17) Methyl tert-butyl Ether	3.375	73	138476	5.45	ug/L	99
18) trans-1,2-Dichloroethene	3.366	96	54138	5.52	ug/L	97
19) 1,1-Dichloroethane	3.883	63	103447	5.37	ug/L	100
21) 2-Butanone	4.732	43	176810	56.69	ug/L	96
22) cis-1,2-Dichloroethene	4.681	96	58140	5.66	ug/L	90
23) Bromochloromethane	4.989	128	27017	5.76	ug/L	89
25) Chloroform	5.102	83	105528	5.46	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.806	62	68518	5.53	ug/L	97
29) 1,1,1-Trichloroethane	5.327	97	86667	5.65	ug/L	96
30) Cyclohexane	5.401	56	90686	5.75	ug/L	97
31) Carbon tetrachloride	5.536	117	77515	5.85	ug/L	100
33) Benzene	5.784	78	234978	5.99	ug/L	100
34) Trichloroethene	6.549	95	50049	5.17	ug/L	98
35) Methylcyclohexane	6.771	83	75440	4.91	ug/L	98
37) 1,2-Dichloropropane	6.800	63	50295	5.00	ug/L	98
38) Bromodichloromethane	7.111	83	64116	4.92	ug/L	98
39) cis-1,3-Dichloropropene	7.613	75	72350	4.83	ug/L	98
40) 4-Methyl-2-pentanone	7.796	43	331816	47.49	ug/L	98
42) Toluene	7.973	91	206003	5.06	ug/L	100
44) trans-1,3-Dichloropropene	8.214	75	66013	5.09	ug/L	98
45) 1,1,2-Trichloroethane	8.404	97	36855	5.19	ug/L	98
47) Tetrachloroethene	8.555	164	34649	5.53	ug/L	97
48) 2-Hexanone	8.690	43	247570	52.76	ug/L	99
49) Dibromochloromethane	8.812	129	42652	5.50	ug/L	98
50) 1,2-Dibromoethane	8.925	107	36099	5.54	ug/L	97
51) Chlorobenzene	9.449	112	124588	5.45	ug/L	99
52) Ethylbenzene	9.571	91	216107	5.49	ug/L	100
53) m,p-Xylene	9.693	106	79482	5.59	ug/L	97
54) o-Xylene	10.098	106	79826	5.80	ug/L	95
55) Styrene	10.115	104	136193	5.76	ug/L	98
56) Isopropylbenzene	10.481	105	214309	5.82	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.780	83	48843	5.62	ug/L	97
59) 1,2,3-Trichloropropane	10.819	75	37267	5.63	ug/L	99
61) Bromoform	10.291	173	25042	5.55	ug/L	97
62) 1,3-Dichlorobenzene	11.741	146	94980	5.47	ug/L	99
63) 1,4-Dichlorobenzene	11.832	146	96612	5.54	ug/L	97
65) 1,2-Dichlorobenzene	12.208	146	91669	5.35	ug/L	98
66) 1,2-Dibromo-3-chloropr...	12.989	75	8787	5.59	ug/L	99
67) 1,3,5-Trichlorobenzene	13.208	180	67933	5.47	ug/L	99
68) 1,2,4-trichlorobenzene	13.828	180	53416	5.69	ug/L	99
69) Naphthalene	14.076	128	99283	5.95	ug/L	100
70) 1,2,3-Trichlorobenzene	14.317	180	51797	5.94	ug/L	99

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

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