

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031120\
 Data File : VU037182.D
 Acq On : 11 Mar 2020 21:36
 Operator : JC/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00507

Quant Time: Mar 12 02:00:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR031120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Mar 12 01:55:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.32	114	113258	5.00	ug/L	0.04
28) Chlorobenzene-d5	9.45	117	114042	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	57055	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.65	65	34903	4.69	ug/L	0.04
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.80%
7) Chloroethane-d5	1.96	69	28518	5.43	ug/L	0.04
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.60%
11) 1,1-Dichloroethene-d2	2.62	63	70476	4.60	ug/L	0.03
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.00%
20) 2-Butanone-d5	4.77	46	91826	48.27	ug/L	0.09
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.54%
24) Chloroform-d	5.15	84	81246	5.34	ug/L	0.04
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.80%
26) 1,2-Dichloroethane-d4	5.80	65	46098	5.22	ug/L	0.06
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.40%
32) Benzene-d6	5.82	84	141881	5.06	ug/L	0.05
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.20%
36) 1,2-Dichloropropane-d6	6.76	67	43906	4.84	ug/L	0.04
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.80%
41) Toluene-d8	7.94	98	141293	5.38	ug/L	0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.60%
43) trans-1,3-Dichloropropene-	8.22	79	18870	5.16	ug/L	0.02
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.20%
46) 2-Hexanone-d5	8.68	63	81687	53.61	ug/L	0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.22%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	39346	5.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.60%
64) 1,2-Dichlorobenzene-d4	12.21	152	48028	4.87	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.40%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.42	85	79630	5.460	ug/L	98
3) Chloromethane	1.57	50	51487	4.138	ug/L	99
5) Vinyl chloride	1.65	62	54079	4.853	ug/L	95
6) Bromomethane	1.91	94	13225	3.158	ug/L	93
8) Chloroethane	1.99	64	34081	5.967	ug/L	100
9) Trichlorofluoromethane	2.19	101	79489	5.027	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.63	101	35260	4.314	ug/L	94
12) 1,1-Dichloroethene	2.63	96	32647	4.416	ug/L	93
13) Acetone	2.78	43	65786	42.201	ug/L	70
14) Carbon disulfide	2.84	76	104831	4.274	ug/L	99
15) Methyl Acetate	3.05	43	16300	4.468	ug/L #	77
16) Methylene chloride	3.11	84	39921	4.497	ug/L	81
17) Methyl tert-butyl Ether	3.46	73	92398	4.653	ug/L #	92
18) trans-1,2-Dichloroethene	3.41	96	33823	4.327	ug/L	88
19) 1,1-Dichloroethane	3.94	63	69766	4.410	ug/L	98
21) 2-Butanone	4.85	43	120845	49.246	ug/L	98
22) cis-1,2-Dichloroethene	4.74	96	47086	5.474	ug/L	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.06	128	20556	5.452	ug/L	88
25) Chloroform	5.18	83	90202	5.226	ug/L	99
27) 1,2-Dichloroethane	5.89	62	62332	5.181	ug/L	98
29) 1,1,1-Trichloroethane	5.40	97	79744	5.460	ug/L	99
30) Cyclohexane	5.47	56	70096	4.962	ug/L	98
31) Carbon tetrachloride	5.62	117	72412	5.723	ug/L	100
33) Benzene	5.86	78	180427	5.351	ug/L	100
34) Trichloroethene	6.61	95	47610	5.229	ug/L	97
35) Methylcyclohexane	6.83	83	68455	4.864	ug/L	96
37) 1,2-Dichloropropane	6.86	63	48231	5.435	ug/L	99
38) Bromodichloromethane	7.17	83	65454	5.560	ug/L	99
39) cis-1,3-Dichloropropene	7.66	75	65117	5.112	ug/L	97
40) 4-Methyl-2-pentanone	7.85	43	337577	53.766	ug/L	100
42) Toluene	8.01	91	202263	5.587	ug/L	98
44) trans-1,3-Dichloropropene	8.25	75	56896	5.355	ug/L	100
45) 1,1,2-Trichloroethane	8.44	97	33625	5.252	ug/L	98
47) Tetrachloroethene	8.59	164	35178	4.968	ug/L	92
48) 2-Hexanone	8.73	43	250923	57.321	ug/L	98
49) Dibromochloromethane	8.85	129	42529	5.516	ug/L	98
50) 1,2-Dibromoethane	8.96	107	32881	5.417	ug/L #	95
51) Chlorobenzene	9.47	112	122321	5.248	ug/L	96
52) Ethylbenzene	9.60	91	212962	5.321	ug/L	96
53) m,p-Xylene	9.72	106	79779	5.545	ug/L	99
54) o-Xylene	10.12	106	77214	5.504	ug/L	97
55) Styrene	10.14	104	133769	5.814	ug/L	96
56) Isopropylbenzene	10.50	105	208176	5.530	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.80	83	44504	5.630	ug/L	93
59) 1,2,3-Trichloropropane	10.84	75	32523	5.123	ug/L	98
61) Bromoform	10.31	173	23488	5.395	ug/L	98
62) 1,3-Dichlorobenzene	11.76	146	96872	5.181	ug/L	96
63) 1,4-Dichlorobenzene	11.85	146	96039	5.172	ug/L	99
65) 1,2-Dichlorobenzene	12.23	146	89588	5.054	ug/L	98
66) 1,2-Dibromo-3-chloropropan	13.02	75	7390	5.430	ug/L	97
67) 1,3,5-Trichlorobenzene	13.24	180	66529	5.198	ug/L	97
68) 1,2,4-trichlorobenzene	13.87	180	52587	6.059	ug/L	100
69) Naphthalene	14.11	128	94459	7.619	ug/L	100
70) 1,2,3-Trichlorobenzene	14.36	180	52869	6.492	ug/L	100

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

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