

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031320\
 Data File : VU037239.D
 Acq On : 13 Mar 2020 13:31
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00508

Quant Time: Mar 14 00:18:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR031120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Mar 13 15:53:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	124362	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	125302	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	65354	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	40754	4.99	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.80%
7) Chloroethane-d5	1.93	69	34220	5.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	118.60%
11) 1,1-Dichloroethene-d2	2.59	63	81525	4.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.80%
20) 2-Butanone-d5	4.67	46	107304	51.37	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.74%
24) Chloroform-d	5.11	84	85266	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.20%
26) 1,2-Dichloroethane-d4	5.74	65	48556	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.20%
32) Benzene-d6	5.76	84	150071	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
36) 1,2-Dichloropropane-d6	6.73	67	48421	4.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.20%
41) Toluene-d8	7.93	98	147185	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.00%
43) trans-1,3-Dichloropropene-	8.20	79	21769	5.42	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	108.40%
46) 2-Hexanone-d5	8.66	63	89189	53.27	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.54%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	40136	4.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.00%
64) 1,2-Dichlorobenzene-d4	12.21	152	56946	5.05	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	76097	4.752	ug/L 99
3) Chloromethane	1.54	50	65369	4.785	ug/L 98
5) Vinyl chloride	1.62	62	65067	5.318	ug/L 97
6) Bromomethane	1.87	94	29742	6.467	ug/L 96
8) Chloroethane	1.95	64	35182	5.610	ug/L 97
9) Trichlorofluoromethane	2.16	101	96621	5.565	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	44529	4.961	ug/L 98
12) 1,1-Dichloroethene	2.60	96	39878	4.913	ug/L 98
13) Acetone	2.65	43	85802	50.126	ug/L 95
14) Carbon disulfide	2.82	76	128371	4.767	ug/L 99
15) Methyl Acetate	2.98	43	20376	5.087	ug/L 98
16) Methylene chloride	3.08	84	47459	4.869	ug/L 99
17) Methyl tert-butyl Ether	3.40	73	113657	5.212	ug/L 96
18) trans-1,2-Dichloroethene	3.38	96	42614	4.965	ug/L 97
19) 1,1-Dichloroethane	3.91	63	86786	4.995	ug/L 99
21) 2-Butanone	4.75	43	135183	50.170	ug/L 97
22) cis-1,2-Dichloroethene	4.71	96	48091	5.091	ug/L 90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	21176	5.115	ug/L	94
25) Chloroform	5.13	83	93387	4.927	ug/L	99
27) 1,2-Dichloroethane	5.83	62	69163	5.235	ug/L	100
29) 1,1,1-Trichloroethane	5.36	97	85051	5.300	ug/L	97
30) Cyclohexane	5.43	56	76619	4.936	ug/L	99
31) Carbon tetrachloride	5.56	117	75285	5.415	ug/L	98
33) Benzene	5.81	78	190852	5.151	ug/L	100
34) Trichloroethene	6.57	95	50296	5.027	ug/L	98
35) Methylcyclohexane	6.79	83	77967	5.042	ug/L	99
37) 1,2-Dichloropropane	6.83	63	50500	5.180	ug/L	99
38) Bromodichloromethane	7.14	83	67919	5.251	ug/L	99
39) cis-1,3-Dichloropropene	7.64	75	74972	5.357	ug/L	99
40) 4-Methyl-2-pentanone	7.82	43	336133	48.725	ug/L	97
42) Toluene	8.00	91	207159	5.208	ug/L	99
44) trans-1,3-Dichloropropene	8.24	75	64630	5.537	ug/L	99
45) 1,1,2-Trichloroethane	8.43	97	34480	4.902	ug/L	96
47) Tetrachloroethene	8.58	164	39942	5.134	ug/L	99
48) 2-Hexanone	8.71	43	248545	51.676	ug/L	97
49) Dibromochloromethane	8.83	129	45271	5.344	ug/L	96
50) 1,2-Dibromoethane	8.95	107	33617	5.040	ug/L #	97
51) Chlorobenzene	9.47	112	130341	5.090	ug/L	98
52) Ethylbenzene	9.59	91	235148	5.347	ug/L	99
53) m,p-Xylene	9.72	106	87462	5.532	ug/L	99
54) o-Xylene	10.12	106	84258	5.466	ug/L	99
55) Styrene	10.14	104	142717	5.646	ug/L	98
56) Isopropylbenzene	10.50	105	228577	5.526	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.80	83	46351	5.336	ug/L	99
59) 1,2,3-Trichloropropane	10.84	75	34485	4.943	ug/L	97
61) Bromoform	10.31	173	26509	5.316	ug/L #	95
62) 1,3-Dichlorobenzene	11.76	146	107371	5.013	ug/L	96
63) 1,4-Dichlorobenzene	11.85	146	105303	4.951	ug/L	99
65) 1,2-Dichlorobenzene	12.23	146	102126	5.030	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.02	75	7841	5.030	ug/L	97
67) 1,3,5-Trichlorobenzene	13.25	180	81720	5.574	ug/L	98
68) 1,2,4-trichlorobenzene	13.88	180	58314	5.866	ug/L	100
69) Naphthalene	14.12	128	82798	5.830	ug/L	99
70) 1,2,3-Trichlorobenzene	14.37	180	53971	5.785	ug/L	97

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

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