

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051420\
 Data File : VU038185.D
 Acq On : 14 May 2020 21:19
 Operator : JC/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00529

Quant Time: May 15 01:10:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 15 01:05:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	353566	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	345064	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	166949	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	148465	4.59	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.80%
7) Chloroethane-d5	1.93	69	132622	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.80%
11) 1,1-Dichloroethene-d2	2.59	63	237172	4.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.80%
20) 2-Butanone-d5	4.67	46	468414	58.70	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.40%
24) Chloroform-d	5.10	84	245369	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
26) 1,2-Dichloroethane-d4	5.74	65	146319	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.00%
32) Benzene-d6	5.76	84	502632	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
36) 1,2-Dichloropropane-d6	6.72	67	167388	5.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.40%
41) Toluene-d8	7.92	98	446493	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
43) trans-1,3-Dichloropropene-	8.20	79	66054	4.94	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.80%
46) 2-Hexanone-d5	8.65	63	351965	55.75	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.50%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	142714	5.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.40%
64) 1,2-Dichlorobenzene-d4	12.20	152	166575	5.13	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.60%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.39	85	137199	4.243	ug/L	98
3) Chloromethane	1.53	50	162467	4.169	ug/L	97
5) Vinyl chloride	1.62	62	169337	4.435	ug/L	99
6) Bromomethane	1.87	94	53342	2.454	ug/L	99
8) Chloroethane	1.95	64	104727	4.459	ug/L	97
9) Trichlorofluoromethane	2.16	101	175794	4.503	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	105641	4.364	ug/L	99
12) 1,1-Dichloroethene	2.61	96	109614	4.467	ug/L	91
13) Acetone	2.66	43	247888	49.517	ug/L	96
14) Carbon disulfide	2.82	76	358291	4.094	ug/L	100
15) Methyl Acetate	2.98	43	66429	4.744	ug/L	100
16) Methylene chloride	3.08	84	129804	4.538	ug/L	97
17) Methyl tert-butyl Ether	3.40	73	304100	4.460	ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	118678	4.430	ug/L	98
19) 1,1-Dichloroethane	3.91	63	242022	4.626	ug/L	99
21) 2-Butanone	4.75	43	448522	50.760	ug/L	99
22) cis-1,2-Dichloroethene	4.71	96	133768	4.634	ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	58321	4.695	ug/L	94
25) Chloroform	5.13	83	228167	4.676	ug/L	99
27) 1,2-Dichloroethane	5.83	62	162577	4.719	ug/L	98
29) 1,1,1-Trichloroethane	5.35	97	183163	4.633	ug/L	99
30) Cyclohexane	5.42	56	196194	4.203	ug/L	100
31) Carbon tetrachloride	5.56	117	143586	4.519	ug/L	99
33) Benzene	5.81	78	519379	4.700	ug/L	100
34) Trichloroethene	6.57	95	123159	4.456	ug/L	96
35) Methylcyclohexane	6.79	83	190117	4.247	ug/L	97
37) 1,2-Dichloropropane	6.82	63	138930	4.629	ug/L	100
38) Bromodichloromethane	7.13	83	160254	4.619	ug/L	99
39) cis-1,3-Dichloropropene	7.63	75	196045	4.564	ug/L	99
40) 4-Methyl-2-pentanone	7.82	43	1021778	49.119	ug/L	100
42) Toluene	7.99	91	530432	4.547	ug/L	99
44) trans-1,3-Dichloropropene	8.23	75	166279	4.552	ug/L	99
45) 1,1,2-Trichloroethane	8.42	97	99709	4.784	ug/L	97
47) Tetrachloroethene	8.57	164	85335	4.414	ug/L	100
48) 2-Hexanone	8.71	43	773997	50.806	ug/L	100
49) Dibromochloromethane	8.83	129	100825	4.661	ug/L	98
50) 1,2-Dibromoethane	8.94	107	93273	4.822	ug/L	99
51) Chlorobenzene	9.47	112	333401	4.606	ug/L	100
52) Ethylbenzene	9.59	91	567255	4.489	ug/L	99
53) m,p-Xylene	9.71	106	219268	4.526	ug/L	95
54) o-Xylene	10.11	106	213650	4.561	ug/L	97
55) Styrene	10.13	104	365696	4.650	ug/L	97
56) Isopropylbenzene	10.50	105	544084	4.522	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.80	83	128992	4.874	ug/L	98
59) 1,2,3-Trichloropropane	10.84	75	96990	4.815	ug/L	99
61) Bromoform	10.31	173	51701	4.582	ug/L	97
62) 1,3-Dichlorobenzene	11.76	146	252570	4.650	ug/L	99
63) 1,4-Dichlorobenzene	11.85	146	257166	4.672	ug/L	99
65) 1,2-Dichlorobenzene	12.22	146	246194	4.711	ug/L	98
66) 1,2-Dibromo-3-chloropropan	13.01	75	18941	4.435	ug/L	94
67) 1,3,5-Trichlorobenzene	13.24	180	181072	4.594	ug/L	100
68) 1,2,4-trichlorobenzene	13.86	180	167861	4.695	ug/L	99
69) Naphthalene	14.11	128	359585	4.778	ug/L	99
70) 1,2,3-Trichlorobenzene	14.36	180	158240	4.762	ug/L	100

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

