

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052219\
 Data File : VU032221.D
 Acq On : 22 May 2019 14:37
 Operator : JC/SP
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV12

Quant Time: May 23 01:39:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 23 01:22:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	390971	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	391985	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	182258	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	106906	4.87	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.40%
7) Chloroethane-d5	1.68	69	102763	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.40%
11) 1,1-Dichloroethene-d2	2.27	63	198714	4.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.20%
20) 2-Butanone-d5	4.21	46	310800	50.18	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.36%
24) Chloroform-d	4.64	84	280724	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
26) 1,2-Dichloroethane-d4	5.31	65	146878	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.80%
32) Benzene-d6	5.33	84	555572	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
36) 1,2-Dichloropropane-d6	6.33	67	182527	5.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.00%
41) Toluene-d8	7.56	98	555693	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.80%
43) trans-1,3-Dichloropropene-	7.85	79	74023	5.33	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	106.60%
46) 2-Hexanone-d5	8.31	63	285020	54.53	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.06%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	180379	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.40%
64) 1,2-Dichlorobenzene-d4	11.85	152	252693	5.03	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.21	85	86884	5.199	ug/L 99
3) Chloromethane	1.32	50	81021	4.835	ug/L 99
5) Vinyl chloride	1.40	62	90182	5.330	ug/L 98
6) Bromomethane	1.63	94	55239	5.152	ug/L 97
8) Chloroethane	1.70	64	54885	5.109	ug/L 98
9) Trichlorofluoromethane	1.88	101	114688	5.228	ug/L 97
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	71539	5.168	ug/L 99
12) 1,1-Dichloroethene	2.28	96	74996	5.390	ug/L 78
13) Acetone	2.34	43	100680	52.468	ug/L 95
14) Carbon disulfide	2.47	76	227801	5.284	ug/L 98
15) Methyl Acetate	2.62	43	26839	4.767	ug/L 90
16) Methylene chloride	2.69	84	79694	4.294	ug/L 98
17) Methyl tert-butyl Ether	3.00	73	163941	5.226	ug/L 99
18) trans-1,2-Dichloroethene	2.97	96	74077	4.960	ug/L 95
19) 1,1-Dichloroethane	3.44	63	120904	5.242	ug/L 96
21) 2-Butanone	4.29	43	157787	54.506	ug/L 96
22) cis-1,2-Dichloroethene	4.22	96	77581	5.322	ug/L 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.54	128	33487	5.198	ug/L	97
25) Chloroform	4.67	83	127478	5.118	ug/L	94
27) 1,2-Dichloroethane	5.40	62	74265	5.123	ug/L	100
29) 1,1,1-Trichloroethane	4.91	97	106968	5.258	ug/L	99
30) Cyclohexane	4.98	56	99480	5.230	ug/L	97
31) Carbon tetrachloride	5.13	117	91296	5.094	ug/L	100
33) Benzene	5.38	78	288025	5.432	ug/L	100
34) Trichloroethene	6.18	95	74780	5.255	ug/L	95
35) Methylcyclohexane	6.41	83	112879	5.385	ug/L	98
37) 1,2-Dichloropropane	6.43	63	68486	5.365	ug/L	99
38) Bromodichloromethane	6.75	83	85404	5.148	ug/L	97
39) cis-1,3-Dichloropropene	7.27	75	98570	5.422	ug/L	100
40) 4-Methyl-2-pentanone	7.46	43	357439	55.389	ug/L	99
42) Toluene	7.63	91	311957	5.537	ug/L	97
44) trans-1,3-Dichloropropene	7.88	75	76949	5.387	ug/L	99
45) 1,1,2-Trichloroethane	8.06	97	51734	5.248	ug/L	95
47) Tetrachloroethene	8.22	164	60966	5.190	ug/L	98
48) 2-Hexanone	8.36	43	289209	58.430	ug/L	99
49) Dibromochloromethane	8.47	129	58213	5.188	ug/L	90
50) 1,2-Dibromoethane	8.58	107	48820	5.253	ug/L	98
51) Chlorobenzene	9.12	112	194392	5.391	ug/L	99
52) Ethylbenzene	9.25	91	305359	5.384	ug/L	95
53) m,p-Xylene	9.37	106	117955	5.593	ug/L	98
54) o-Xylene	9.77	106	115827	5.496	ug/L	95
55) Styrene	9.79	104	196074	5.561	ug/L	98
56) Isopropylbenzene	10.16	105	303234	5.692	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.45	83	63860	5.378	ug/L	96
59) 1,2,3-Trichloropropane	10.49	75	43940	5.285	ug/L	93
61) Bromoform	9.96	173	33287	5.099	ug/L	98
62) 1,3-Dichlorobenzene	11.41	146	145461	5.402	ug/L	98
63) 1,4-Dichlorobenzene	11.50	146	147607	5.226	ug/L	98
65) 1,2-Dichlorobenzene	11.87	146	149771	5.483	ug/L	96
66) 1,2-Dibromo-3-chloropropan	12.65	75	9124	5.173	ug/L	94
67) 1,3,5-Trichlorobenzene	12.88	180	116599	5.690	ug/L	98
68) 1,2,4-trichlorobenzene	13.50	180	87343	6.045	ug/L	98
69) Naphthalene	13.74	128	125972	5.699	ug/L	98
70) 1,2,3-Trichlorobenzene	13.98	180	87511	5.722	ug/L	96

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

