

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU021219\
 Data File : VU029418.D
 Acq On : 12 Feb 2019 14:15
 Operator : JC/SP
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV50

Quant Time: Feb 13 03:20:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Feb 13 03:15:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	211388	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	198448	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	109671	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	70064	4.93	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.60%
7) Chloroethane-d5	1.68	69	70379	5.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	112.20%
11) 1,1-Dichloroethene-d2	2.27	63	157540	5.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.00%
20) 2-Butanone-d5	4.20	46	150707	51.04	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.08%
24) Chloroform-d	4.65	84	115273	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.00%
26) 1,2-Dichloroethane-d4	5.31	65	58812	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
32) Benzene-d6	5.34	84	239508	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.40%
36) 1,2-Dichloropropane-d6	6.33	67	70541	5.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.00%
41) Toluene-d8	7.56	98	237395	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.80%
43) trans-1,3-Dichloropropene-	7.85	79	32795	5.21	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.20%
46) 2-Hexanone-d5	8.31	63	149195	51.45	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.90%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	61728	5.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	104102	5.15	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.21	85	90385	4.882	ug/L 97
3) Chloromethane	1.32	50	86636	4.959	ug/L 99
5) Vinyl chloride	1.40	62	101821	5.002	ug/L 99
6) Bromomethane	1.63	94	69581	5.859	ug/L 99
8) Chloroethane	1.70	64	70074	5.286	ug/L 99
9) Trichlorofluoromethane	1.88	101	156857	5.034	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	94279	5.133	ug/L 98
12) 1,1-Dichloroethene	2.28	96	85523	4.916	ug/L 97
13) Acetone	2.33	43	136291	50.804	ug/L 99
14) Carbon disulfide	2.48	76	295839	5.161	ug/L 99
15) Methyl Acetate	2.62	43	34794	5.063	ug/L 97
16) Methylene chloride	2.70	84	95460	4.883	ug/L 99
17) Methyl tert-butyl Ether	3.00	73	218637	5.019	ug/L 100
18) trans-1,2-Dichloroethene	2.98	96	95830	5.166	ug/L 99
19) 1,1-Dichloroethane	3.44	63	124211	4.445	ug/L 99
21) 2-Butanone	4.28	43	168029	50.689	ug/L 100
22) cis-1,2-Dichloroethene	4.22	96	83485	4.893	ug/L 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	38856	5.044	ug/L	96
25) Chloroform	4.67	83	137589	4.921	ug/L	97
27) 1,2-Dichloroethane	5.41	62	79513	4.914	ug/L	100
29) 1,1,1-Trichloroethane	4.91	97	122302	4.983	ug/L	99
30) Cyclohexane	4.99	56	117127	4.980	ug/L	99
31) Carbon tetrachloride	5.13	117	109457	4.935	ug/L	99
33) Benzene	5.39	78	287576	4.923	ug/L	100
34) Trichloroethene	6.18	95	82259	5.009	ug/L	99
35) Methylcyclohexane	6.41	83	137807	4.988	ug/L	99
37) 1,2-Dichloropropane	6.43	63	72489	4.955	ug/L	99
38) Bromodichloromethane	6.76	83	94713	4.899	ug/L	100
39) cis-1,3-Dichloropropene	7.27	75	116380	5.054	ug/L	99
40) 4-Methyl-2-pentanone	7.46	43	424490	50.334	ug/L	99
42) Toluene	7.63	91	327693	4.998	ug/L	98
44) trans-1,3-Dichloropropene	7.88	75	95619	5.057	ug/L	97
45) 1,1,2-Trichloroethane	8.06	97	55294	4.934	ug/L	98
47) Tetrachloroethene	8.22	164	74475	4.950	ug/L	97
48) 2-Hexanone	8.36	43	308540	50.197	ug/L	99
49) Dibromochloromethane	8.48	129	76703	5.078	ug/L	99
50) 1,2-Dibromoethane	8.59	107	55293	4.985	ug/L	97
51) Chlorobenzene	9.12	112	222914	4.944	ug/L	98
52) Ethylbenzene	9.25	91	373197	5.027	ug/L	100
53) m,p-xylene	9.37	106	146353	4.944	ug/L	98
54) o-xylene	9.78	106	143585	4.941	ug/L	99
55) Styrene	9.79	104	241983	5.016	ug/L	98
56) Isopropylbenzene	10.16	105	381593	4.979	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.46	83	68226	4.988	ug/L	100
59) 1,2,3-Trichloropropane	10.49	75	46553	4.960	ug/L	97
61) Bromoform	9.95	173	46881	5.050	ug/L	100
62) 1,3-Dichlorobenzene	11.41	146	195705	5.037	ug/L	98
63) 1,4-Dichlorobenzene	11.50	146	196844	5.073	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	183296	5.007	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	11540	5.039	ug/L	95
67) 1,3,5-Trichlorobenzene	12.88	180	165438	5.132	ug/L	100
68) 1,2,4-trichlorobenzene	13.50	180	147065	5.416	ug/L	99
69) Naphthalene	13.74	128	255047	5.439	ug/L	100
70) 1,2,3-Trichlorobenzene	13.98	180	137398	5.293	ug/L	100

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

