

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111718\
 Data File : VU028223.D
 Acq On : 17 Nov 2018 14:19
 Operator : MD/SY
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV19

Quant Time: Nov 19 02:53:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Nov 19 02:51:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	161491	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	153052	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	70086	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	56494	4.65	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.00%
7) Chloroethane-d5	1.68	69	49418	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.20%
11) 1,1-Dichloroethene-d2	2.27	63	112386	4.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.00%
20) 2-Butanone-d5	4.20	46	189377	46.57	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.14%
24) Chloroform-d	4.64	84	108600	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
26) 1,2-Dichloroethane-d4	5.31	65	57906	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.40%
32) Benzene-d6	5.34	84	207242	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
36) 1,2-Dichloropropane-d6	6.33	67	76333	4.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.40%
41) Toluene-d8	7.56	98	187517	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
43) trans-1,3-Dichloropropene-	7.85	79	24604	4.82	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.40%
46) 2-Hexanone-d5	8.31	63	145217	47.38	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.76%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	52414	4.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	62839	4.82	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.40%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	58783	4.33	ug/L 98
3) Chloromethane	1.32	50	78499	4.55	ug/L 99
5) Vinyl chloride	1.40	62	74788	4.56	ug/L 97
6) Bromomethane	1.63	94	34136	4.61	ug/L 99
8) Chloroethane	1.70	64	45274	4.67	ug/L 95
9) Trichlorofluoromethane	1.89	101	88167	4.62	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	47353	4.51	ug/L 98
12) 1,1-Dichloroethene	2.28	96	46309	4.66	ug/L 94
13) Acetone	2.34	43	125175	44.76	ug/L 100
14) Carbon disulfide	2.48	76	151488	4.85	ug/L 97
15) Methyl Acetate	2.62	43	31362	4.23	ug/L 98
16) Methylene chloride	2.70	84	55562	4.44	ug/L 98
17) Methyl tert-butyl Ether	3.00	73	129675	4.34	ug/L 99
18) trans-1,2-Dichloroethene	2.98	96	50299	4.75	ug/L 96
19) 1,1-Dichloroethane	3.44	63	113534	4.62	ug/L 98
21) 2-Butanone	4.29	43	195395	43.87	ug/L 99
22) cis-1,2-Dichloroethene	4.22	96	58271	4.65	ug/L 92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	21936	4.48	ug/L	98
25) Chloroform	4.67	83	108187	4.07	ug/L	99
27) 1,2-Dichloroethane	5.40	62	68526	4.51	ug/L	99
29) 1,1,1-Trichloroethane	4.91	97	81896	4.75	ug/L	98
30) Cyclohexane	4.99	56	102286	4.53	ug/L	99
31) Carbon tetrachloride	5.12	117	68110	4.81	ug/L	99
33) Benzene	5.39	78	237922	4.71	ug/L	100
34) Trichloroethene	6.18	95	59017	4.77	ug/L	99
35) Methylcyclohexane	6.41	83	87658	4.50	ug/L	98
37) 1,2-Dichloropropane	6.43	63	67640	4.69	ug/L	99
38) Bromodichloromethane	6.76	83	70779	4.50	ug/L	97
39) cis-1,3-Dichloropropene	7.27	75	84842	4.65	ug/L	97
40) 4-Methyl-2-pentanone	7.46	43	462063	44.85	ug/L	100
42) Toluene	7.63	91	242974	4.75	ug/L	100
44) trans-1,3-Dichloropropene	7.88	75	64179	4.67	ug/L	98
45) 1,1,2-Trichloroethane	8.06	97	38939	4.47	ug/L	98
47) Tetrachloroethene	8.22	164	39651	4.62	ug/L	94
48) 2-Hexanone	8.36	43	339974	46.29	ug/L	99
49) Dibromochloromethane	8.48	129	42384	4.81	ug/L	93
50) 1,2-Dibromoethane	8.58	107	36469	4.63	ug/L	100
51) Chlorobenzene	9.12	112	139913	4.75	ug/L	96
52) Ethylbenzene	9.25	91	258549	4.69	ug/L	95
53) m,p-xylene	9.37	106	95230	4.98	ug/L	94
54) o-xylene	9.78	106	91738	4.81	ug/L	97
55) Styrene	9.79	104	154748	4.83	ug/L	97
56) Isopropylbenzene	10.17	105	242239	4.74	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.46	83	51034	4.56	ug/L	91
59) 1,2,3-Trichloropropane	10.49	75	36970	4.44	ug/L	99
61) Bromoform	9.95	173	21271	4.79	ug/L	95
62) 1,3-Dichlorobenzene	11.42	146	102915	4.83	ug/L	97
63) 1,4-Dichlorobenzene	11.51	146	104511	4.80	ug/L	98
65) 1,2-Dichlorobenzene	11.88	146	100376	4.80	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.66	75	7113	4.37	ug/L #	83
67) 1,3,5-Trichlorobenzene	12.89	180	80543	4.94	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	67425	4.95	ug/L	96
69) Naphthalene	13.74	128	120730	4.98	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	63548	4.92	ug/L	97

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

