

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\U112018\
 Data File : VU028272.D
 Acq On : 20 Nov 2018 12:49
 Operator : MD/SY
 Sample : J5995-20
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0FL7

Quant Time: Nov 21 06:36:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Nov 21 06:33:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	2516	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.10	117	2726	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	2344	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	58008	306.37	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 6127.40%#	
7) Chloroethane-d5	1.68	69	53984	330.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 6605.40%#	
11) 1,1-Dichloroethene-d2	2.28	63	85542	227.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 4541.40%#	
20) 2-Butanone-d5	4.20	46	237269	3744.92	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	= 7489.84%#	
24) Chloroform-d	4.65	84	116420	329.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 6591.20%#	
26) 1,2-Dichloroethane-d4	5.31	65	67260	344.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 6890.00%#	
32) Benzene-d6	5.34	84	226268	288.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 5768.40%#	
36) 1,2-Dichloropropane-d6	6.33	67	86666	304.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 6084.20%#	
41) Toluene-d8	7.57	98	186826	266.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 5320.60%#	
43) trans-1,3-Dichloropropene-	7.85	79	26431	290.44	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 5808.80%#	
46) 2-Hexanone-d5	8.31	63	170524	3123.96	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 6247.92%#	
57) 1,1,2,2-Tetrachloroethane-	10.43	84	66193	321.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 6434.00%#	
64) 1,2-Dichlorobenzene-d4	11.86	152	67158	154.04	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 3080.80%#	

Target Compounds

						Qvalue
3) Chloromethane	1.33	50	297	1.10	ug/L #	42
5) Vinyl chloride	1.40	62	75455	295.48	ug/L	99
6) Bromomethane	1.81	94	104	0.90	ug/L #	4
8) Chloroethane	1.68	64	732	4.85	ug/L #	59
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	778	4.75	ug/L #	27
12) 1,1-Dichloroethene	2.29	96	1943	12.54	ug/L #	1
13) Acetone	2.33	43	1452	33.32	ug/L	90
14) Carbon disulfide	2.48	76	389	0.80	ug/L #	26
15) Methyl Acetate	2.61	43	434	3.76	ug/L #	59
16) Methylene chloride	2.71	84	1820	9.33	ug/L	85
17) Methyl tert-butyl Ether	3.01	73	2503525	5380.51	ug/L	98
18) trans-1,2-Dichloroethene	2.98	96	66209	401.28	ug/L	97
19) 1,1-Dichloroethane	3.45	63	21280	55.62	ug/L	96
21) 2-Butanone	4.29	43	599	8.63	ug/L #	55
22) cis-1,2-Dichloroethene	4.23	96	657042	3368.97	ug/L	92
25) Chloroform	4.67	83	1565	3.78	ug/L #	65
27) 1,2-Dichloroethane	5.40	62	282	1.19	ug/L #	78

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30) Cyclohexane	4.99	56	41	0.10	ug/L #	1
33) Benzene	5.40	78	8630	9.60	ug/L	100
34) Trichloroethene	6.19	95	229181	1040.79	ug/L	98
35) Methylcyclohexane	6.33	83	17430	50.24	ug/L #	13
37) 1,2-Dichloropropane	6.33	63	8590	33.47	ug/L #	92
39) cis-1,3-Dichloropropene	7.23	75	2109	6.48	ug/L	92
40) 4-Methyl-2-pentanone	7.56	43	1113	6.07	ug/L #	1
42) Toluene	7.64	91	550	0.60	ug/L #	62
44) trans-1,3-Dichloropropene	7.85	75	1037	4.24	ug/L	87
47) Tetrachloroethene	8.23	164	443	2.90	ug/L #	68
48) 2-Hexanone	8.37	43	4403	33.66	ug/L #	74
49) Dibromochloromethane	8.22	129	495	3.15	ug/L #	10
51) Chlorobenzene	9.12	112	170	0.32	ug/L #	26
52) Ethylbenzene	9.27	91	71	0.07	ug/L #	47
53) m,p-xylene	9.38	106	166	0.49	ug/L #	1
58) 1,1,2,2-Tetrachloroethane	10.43	83	114	0.57	ug/L #	1
62) 1,3-Dichlorobenzene	11.41	146	116	0.16	ug/L #	24
65) 1,2-Dichlorobenzene	11.87	146	102	0.15	ug/L #	1
69) Naphthalene	13.79	128	70	0.09	ug/L #	69

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

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