Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU110118\
Data File : VU027895.D
Acq On : 01 Nov 2018 11:36
Operator : MD/SY
Sample : MDL02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Manual Integrations APPROVED
MMDadoda
11/5/2018 4:10:22 PM

Quant Time: Nov 02 07:18:21 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR103018WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 02 08:02:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	78422	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	77595	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	36041	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	23746	3.88	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 77.60%			
7) Chloroethane-d5	1.68	69	19185	4.06	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 81.20%			
11) 1,1-Dichloroethene-d2	2.28	63	38277	3.29	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 65.80%			
20) 2-Butanone-d5	4.19	46	86179	47.15	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 94.30%			
24) Chloroform-d	4.65	84	44631	4.05	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 81.00%			
26) 1,2-Dichloroethane-d4	5.31	65	31977	5.04	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.80%			
32) Benzene-d6	5.34	84	89287	4.20	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 84.00%			
36) 1,2-Dichloropropane-d6	6.33	67	32140	4.27	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 85.40%			
41) Toluene-d8	7.57	98	82419	4.08	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 81.60%			
43) trans-1,3-Dichloropropene-	7.85	79	11280	3.87	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 77.40%			
46) 2-Hexanone-d5	8.31	63	69507	43.65	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 87.30%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	23004	4.32	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 86.40%			
64) 1,2-Dichlorobenzene-d4	11.86	152	31012	4.50	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 90.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	2947	0.382	ug/L	97
3) Chloromethane	1.33	50	2920	0.381	ug/L	98
5) Vinyl chloride	1.40	62	2881	0.378	ug/L	92
6) Bromomethane	1.63	94	872	0.348	ug/L	92
8) Chloroethane	1.70	64	1758m	0.394	ug/L	
9) Trichlorofluoromethane	1.89	101	3708	0.366	ug/L	87
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	2202	0.426	ug/L	88
12) 1,1-Dichloroethene	2.29	96	1959	0.402	ug/L #	1
13) Acetone	2.32	43	4297m	3.729	ug/L	
14) Carbon disulfide	2.48	76	5822	0.335	ug/L	95
15) Methyl Acetate	2.62	43	1148m	0.372	ug/L	
16) Methylene chloride	2.70	84	2147	0.392	ug/L	91
17) Methyl tert-butyl Ether	3.01	73	5120	0.353	ug/L #	85
18) trans-1,2-Dichloroethene	2.98	96	1764	0.341	ug/L	84
19) 1,1-Dichloroethane	3.44	63	4001	0.366	ug/L	98
21) 2-Butanone	4.29	43	7135m	3.562	ug/L	
22) cis-1,2-Dichloroethene	4.23	96	2036	0.340	ug/L	96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	4.55	128	770	0.311	ug/L		87
25) Chloroform	4.68	83	8456	0.763	ug/L		96
27) 1,2-Dichloroethane	5.41	62	2993	0.387	ug/L	#	78
29) 1,1,1-Trichloroethane	4.92	97	3592	0.359	ug/L		96
30) Cyclohexane	5.00	56	3918	0.333	ug/L		99
31) Carbon tetrachloride	5.13	117	3233	0.376	ug/L		100
33) Benzene	5.39	78	8635	0.351	ug/L		100
34) Trichloroethene	6.19	95	2368	0.370	ug/L		87
35) Methylcyclohexane	6.41	83	3462	0.318	ug/L		86
37) 1,2-Dichloropropane	6.44	63	2513	0.359	ug/L	#	90
38) Bromodichloromethane	6.76	83	2688	0.328	ug/L		91
39) cis-1,3-Dichloropropene	7.27	75	3638	0.363	ug/L		84
40) 4-Methyl-2-pentanone	7.47	43	16615	3.360	ug/L		98
42) Toluene	7.64	91	8948	0.348	ug/L		99
44) trans-1,3-Dichloropropene	7.88	75	2776m	0.323	ug/L		
45) 1,1,2-Trichloroethane	8.08	97	1447	0.336	ug/L		87
47) Tetrachloroethene	8.23	164	1802	0.367	ug/L		93
48) 2-Hexanone	8.37	43	13791	3.868	ug/L		96
49) Dibromochloromethane	8.48	129	1598	0.307	ug/L		86
50) 1,2-Dibromoethane	8.59	107	1368	0.332	ug/L	#	98
51) Chlorobenzene	9.12	112	5868	0.368	ug/L	#	88
52) Ethylbenzene	9.25	91	10429	0.356	ug/L		93
53) m,p-xylene	9.38	106	3191	0.300	ug/L		83
54) o-xylene	9.78	106	3177	0.304	ug/L		99
55) Styrene	9.80	104	5545	0.317	ug/L		95
56) Isopropylbenzene	10.17	105	9516	0.335	ug/L		98
58) 1,1,2,2-Tetrachloroethane	10.46	83	1998	0.356	ug/L	#	76
59) 1,2,3-Trichloropropane	10.49	75	1451m	0.342	ug/L		
61) Bromoform	9.96	173	818	0.309	ug/L	#	81
62) 1,3-Dichlorobenzene	11.42	146	4200	0.362	ug/L		92
63) 1,4-Dichlorobenzene	11.51	146	4532	0.391	ug/L		95
65) 1,2-Dichlorobenzene	11.88	146	4230	0.386	ug/L		90
66) 1,2-Dibromo-3-chloropropan	12.66	75	251m	0.293	ug/L		
67) 1,3,5-Trichlorobenzene	12.89	180	3135	0.336	ug/L		93
68) 1,2,4-trichlorobenzene	13.51	180	2726	0.344	ug/L		96
69) Naphthalene	13.75	128	3634	0.295	ug/L	#	93
70) 1,2,3-Trichlorobenzene	13.99	180	2711	0.375	ug/L		88

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

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