Quantitation Report (QT/LSC Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121917\
Data File : BM013511.D
Acq On : 19 Dec 2017 14:00
Operator : SJ/JU
Sample : I6775-15ME 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A50ME

Manual Integrations APPROVED
Sohil
12/20/2017 3:49:31 PM

Quant Time: Dec 20 10:05:09 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 20 03:10:37 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	159197	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	717402	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	414300	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	913624	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	918821	20.00	ng/ul	0.00
83) Perylene-d12	23.48	264	793173	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	2991	0.93	ng/uL	0.00
5) Phenol-d5	6.85	99	64315	4.67	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	38499	4.90	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	48797	4.53	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	52833	4.49	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	27074	4.76	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	25243	4.15	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	50291	4.01	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	59996	5.20	ng/ul	0.01
43) Dimethylphthalate-d6	13.73	166	170779	4.63	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	216883	4.77	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	14470m	2.26	ng/ul	0.02
57) Fluorene-d10	15.31	176	149767	4.72	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	12339	2.15	ng/ul	0.00
70) Anthracene-d10	17.16	188	234199	5.12	ng/ul	0.00
76) Pyrene-d10	19.46	212	250132	5.46	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	197481	4.89	ng/ul	0.00
Target Compounds						Qvalue
47) Acenaphthylene	14.04	152	124342	2.953	ng/ul	97
49) Acenaphthene	14.38	153	37198	1.297	ng/ul	96
68) Pentachlorophenol	16.72	266	14818	2.163	ng/ul	94
69) Phenanthrene	17.11	178	277274	5.342	ng/ul	99
71) Anthracene	17.20	178	265568	5.006	ng/ul	97
74) Fluoranthene	19.13	202	605363m	9.517	ng/ul	
77) Pyrene	19.49	202	730835	13.092	ng/ul#	92
80) Benzo(a)anthracene	21.24	228	476440	8.173	ng/ul	99
82) Chrysene	21.30	228	469421	8.679	ng/ul	99
85) Benzo(b)fluoranthene	22.82	252	1467717	27.450	ng/ul#	98
86) Benzo(k)fluoranthene	22.86	252	375957m	7.472	ng/ul	
88) Benzo(a)pyrene	23.39	252	640586	13.337	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	25.71	276	372006	7.806	ng/ul#	93
90) Dibenzo(a,h)anthracene	25.71	278	89664	2.210	ng/ul#	88
91) Benzo(g,h,i)perylene	26.40	276	267101	7.105	ng/ul#	93

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

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