Quantitation Report (LSC Reviewed)

Data Path : U:\HPCHEM1\BNA M\DATA\BM012018\
Data File : BM013674.D
Acq On : 20 Jan 2018 10:31
Operator : SJ/JU
Sample : J1216-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B0AE7

Manual Integrations APPROVED
Sohil
1/22/2018 2:40:01 PM

Quant Time: Jan 22 00:56:06 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 22 00:40:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	139818	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	535235	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	287405	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	626239	20.00	ng/ul	0.00
75) Chrysene-d12	21.22	240	724635	20.00	ng/ul	0.00
83) Perylene-d12	23.42	264	751266	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.16	96	13014	3.68	ng/uL	0.00
5) Phenol-d5	6.79	99	256768	23.92	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	157132	24.16	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	217901	24.91	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	212525	25.76	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	109471	26.36	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	118861	27.08	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	220195	25.97	ng/ul	0.00
29) 4-Chloroaniline-d4	10.54	131	236863	32.20	ng/ul	0.00
43) Dimethylphthalate-d6	13.68	166	631799	26.67	ng/ul	0.00
46) Acenaphthylene-d8	13.95	160	828592	27.43	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	54816	14.24	ng/ul	0.00
57) Fluorene-d10	15.26	176	545045	26.17	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	67523	17.91	ng/ul	0.00
70) Anthracene-d10	17.12	188	820018	26.88	ng/ul	0.00
76) Pyrene-d10	19.42	212	948946	28.13	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.28	264	1006088	29.14	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.82	94	33636	3.124	ng/ul#	85
44) Dimethylphthalate	13.73	163	202248	8.684	ng/ul#	97
47) Acenaphthylene	13.99	152	83231	3.012	ng/ul	99
69) Phenanthrene	17.06	178	333861	9.591	ng/ul	98
71) Anthracene	17.15	178	68866	1.918	ng/ul	97
74) Fluoranthene	19.08	202	740427	17.819	ng/ul#	93
77) Pyrene	19.44	202	739360	16.784	ng/ul#	94
80) Benzo(a)anthracene	21.20	228	436032	9.958	ng/ul	95
81) Bis(2-ethylhexyl)phthalate	21.14	149	2282528	98.037	ng/ul#	99
82) Chrysene	21.25	228	448127	11.156	ng/ul	98
85) Benzo(b)fluoranthene	22.76	252	610442	13.231	ng/ul#	94
86) Benzo(k)fluoranthene	22.80	252	241507m	5.416	ng/ul	
88) Benzo(a)pyrene	23.32	252	467126	10.718	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.61	276	325211	6.321	ng/ul	100
90) Dibenzo(a,h)anthracene	25.62	278	80634m	1.856	ng/ul	
91) Benzo(g,h,i)perylene	26.29	276	267050	6.307	ng/ul#	93

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

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