Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070318\
Data File : BN001950.D
Acq On : 03 Jul 2018 19:03
Operator : JU/SJ
Sample : J3721-22
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F1H23

Manual Integrations APPROVED
Sohil
7/5/2018 4:31:13 PM

Quant Time: Jul 04 02:56:39 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 04 00:59:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	768894	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	3468391	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	1898767	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	3963333	20.00	ng/ul	0.00
75) Chrysene-d12	21.29	240	2556601	20.00	ng/ul	0.00
83) Perylene-d12	23.53	264	2538694	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	57478	3.25	ng/uL	0.00
5) Phenol-d5	6.88	99	1257828	18.08	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	900946	20.98	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	1107652	20.08	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	1046481	18.77	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	588655	22.85	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	632712	23.73	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	1117922	19.64	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	1065773	18.09	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	3448715	21.51	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	4511200	22.79	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	181580	6.15	ng/ul	0.00
57) Fluorene-d10	15.33	176	3043265	21.65	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	303346	14.05	ng/ul	0.00
70) Anthracene-d10	17.18	188	4367314	22.81	ng/ul	0.00
76) Pyrene-d10	19.49	212	3973347	30.83	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.39	264	3111791	22.54	ng/ul	0.02
Target Compounds						Qvalue
6) Phenol	6.91	94	140531	2.003	ng/ul	99
28) Naphthalene	10.53	128	188749	1.026	ng/ul	98
44) Dimethylphthalate	13.80	163	1608801	10.209	ng/ul#	99
47) Acenaphthylene	14.06	152	1850579	9.686	ng/ul	100
69) Phenanthrene	17.12	178	810344	3.630	ng/ul	99
71) Anthracene	17.22	178	3240959	14.341	ng/ul	98
72) Carbazole	17.49	167	811408	4.286	ng/ul	97
74) Fluoranthene	19.15	202	14129403	60.207	ng/ul#	80
77) Pyrene	19.52	202	18792263m	117.459	ng/ul	
80) Benzo(a)anthracene	21.27	228	10855945m	67.187	ng/ul	
82) Chrysene	21.33	228	11761649	78.234	ng/ul	95
85) Benzo(b)fluoranthene	22.87	252	19629700	122.423	ng/ul#	91
86) Benzo(k)fluoranthene	22.90	252	7345676m	47.243	ng/ul	
88) Benzo(a)pyrene	23.44	252	11353515	75.772	ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	25.77	276	8658015	54.303	ng/ul#	88
90) Dibenzo(a,h)anthracene	25.77	278	2306121	17.379	ng/ul#	89
91) Benzo(g,h,i)perylene	26.46	276	7205834	54.788	ng/ul#	90

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

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