Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050119\
Data File : BN005413.D
Acq On : 01 May 2019 16:31
Operator : JU/SJ
Sample : K2481-22MEDL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHX5MEDL

Manual Integrations APPROVED
Sohil
5/2/2019 4:57:25 PM

Quant Time: May 02 00:33:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 25 03:19:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	505765	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	2134062	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	1242039	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	2565105	20.00	ng/ul	0.00
77) Chrysene-d12	21.21	240	1758796	20.00	ng/ul	-0.02
85) Perylene-d12	23.42	264	1850883	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	8485m	0.81	ng/uL	0.00
5) Phenol-d5	6.78	99	181112	4.56	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	114654	4.63	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	155455	5.11	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	145298	4.68	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	78468	5.97	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	80023	6.01	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	153058	5.01	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	214419	6.81	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	500584	5.55	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	608160	5.49	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	48702	3.42	ng/ul	0.02
57) Fluorene-d10	15.23	176	434483	5.74	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	18480	1.60	ng/ul	0.00
70) Anthracene-d10	17.08	188	640467	5.96	ng/ul	0.00
78) Pyrene-d10	19.39	212	611668	6.80	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	483924	5.98	ng/ul	-0.03
Target Compounds						Qvalue
28) Naphthalene	10.40	128	2666055	26.873	ng/ul	99
34) 2-Methylnaphthalene	12.02	142	1019267	14.031	ng/ul	96
40) 1,1'-Biphenyl	13.05	154	127730	1.380	ng/ul	98
44) Dimethylphthalate	13.69	163	102615	1.142	ng/ul	98
47) Acenaphthylene	13.95	152	445498	4.094	ng/ul#	97
53) Dibenzofuran	14.63	168	272018	2.543	ng/ul	97
58) Fluorene	15.28	166	370883	4.443	ng/ul	99
69) Phenanthrene	17.03	178	1520271	12.169	ng/ul	99
71) Anthracene	17.12	178	414080	3.254	ng/ul	97
76) Fluoranthene	19.06	202	680345	4.910	ng/ul	97
79) Pyrene	19.42	202	616347	5.443	ng/ul	97
82) Benzo(a)anthracene	21.20	228	242571	2.217	ng/ul	95
84) Chrysene	21.24	228	186800m	1.840	ng/ul	
87) Benzo(b)fluoranthene	22.76	252	160981	1.547	ng/ul	100
90) Benzo(a)pyrene	23.32	252	142587	1.458	ng/ul	98

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

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