Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050319\
Data File : BN005454.D
Acq On : 03 May 2019 16:28
Operator : JU/SJ
Sample : K2604-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAJ80

Manual Integrations APPROVED
mohammad
5/7/2019 8:21:09 AM

Quant Time: May 04 01:28:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 03 03:02:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	301330	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	1301884	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	793844	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	1719693	20.00	ng/ul	0.00
77) Chrysene-d12	21.21	240	1555129	20.00	ng/ul	0.00
85) Perylene-d12	23.41	264	1661313	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	24562	3.94	ng/uL	0.00
5) Phenol-d5	6.78	99	549567	23.22	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	322711	21.86	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	445413	24.59	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	421619	22.79	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	240887	30.06	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	275563	33.92	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	474693	25.49	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	543530	28.30	ng/ul	0.00
43) Dimethylphthalate-d6	13.64	166	1572067	27.28	ng/ul	0.00
46) Acenaphthylene-d8	13.91	160	1894604	26.77	ng/ul	0.00
51) 4-Nitrophenol-d4	14.44	143	208846	22.95	ng/ul	0.00
57) Fluorene-d10	15.22	176	1307534	27.04	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	204071	26.38	ng/ul	0.00
70) Anthracene-d10	17.08	188	1998405	27.72	ng/ul	0.00
78) Pyrene-d10	19.39	212	2197835	27.63	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	2030860	27.97	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.80	94	42639	1.752	ng/ul	98
28) Naphthalene	10.40	128	6961150	115.018	ng/ul	99
34) 2-Methylnaphthalene	12.02	142	1694102	38.228	ng/ul	97
40) 1,1'-Biphenyl	13.05	154	336656	5.692	ng/ul#	97
44) Dimethylphthalate	13.69	163	366772	6.388	ng/ul	100
47) Acenaphthylene	13.94	152	1758991	25.289	ng/ul	98
49) Acenaphthene	14.29	153	105587	2.224	ng/ul	98
53) Dibenzofuran	14.63	168	123754	1.810	ng/ul	99
58) Fluorene	15.28	166	787697	14.765	ng/ul	97
69) Phenanthrene	17.02	178	3691793	44.080	ng/ul	99
71) Anthracene	17.11	178	904388	10.600	ng/ul	99
76) Fluoranthene	19.05	202	1477607	15.906	ng/ul	96
79) Pyrene	19.42	202	2066637	20.640	ng/ul#	94
82) Benzo(a)anthracene	21.19	228	735669m	7.604	ng/ul	
84) Chrysene	21.25	228	625425	6.966	ng/ul	98
87) Benzo(b)fluoranthene	22.76	252	477350	5.112	ng/ul	98
88) Benzo(k)fluoranthene	22.80	252	128838m	1.445	ng/ul	
90) Benzo(a)pyrene	23.32	252	526739m	6.001	ng/ul	
91) Indeno(1,2,3-cd)pyrene	25.59	276	192175	1.980	ng/ul#	93
93) Benzo(g,h,i)perylene	26.26	276	146363	1.824	ng/ul	93

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

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