Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
Data File : BN005271.D
Acq On : 25 Apr 2019 03:59
Operator : JU/SJ
Sample : K2455-01 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHQ3

Manual Integrations APPROVED
Sohil
4/25/2019 5:35:06 PM

Quant Time: Apr 25 06:52:46 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	569995	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	2465505	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	1422160	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	2989251	20.00	ng/ul	0.00
77) Chrysene-d12	21.21	240	2039118	20.00	ng/ul	-0.02
85) Perylene-d12	23.41	264	2157203	20.00	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	10550	0.89	ng/uL	0.00
5) Phenol-d5	6.78	99	206161	4.61	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	131006	4.69	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	165584	4.83	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	159535	4.56	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	79453	5.24	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	80314	5.22	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	168416	4.78	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	100902	2.77	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	526459	5.10	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	644688	5.08	ng/ul	0.00
51) 4-Nitrophenol-d4	14.43	143	46985	2.88	ng/ul	0.00
57) Fluorene-d10	15.23	176	449239	5.19	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.35	200	22109	1.64	ng/ul	0.00
70) Anthracene-d10	17.08	188	655418	5.23	ng/ul	0.00
78) Pyrene-d10	19.39	212	620807	5.95	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	457110	4.85	ng/ul	-0.04
Target Compounds						Qvalue
34) 2-Methylnaphthalene	12.03	142	108550	1.293	ng/ul	97
44) Dimethylphthalate	13.69	163	161615	1.571	ng/ul#	98
47) Acenaphthylene	13.95	152	1334514	10.710	ng/ul	98
58) Fluorene	15.28	166	194673	2.037	ng/ul#	97
69) Phenanthrene	17.02	178	1028103	7.062	ng/ul	99
71) Anthracene	17.12	178	699927	4.720	ng/ul	100
76) Fluoranthene	19.06	202	1705637	10.563	ng/ul	99
79) Pyrene	19.43	202	5868011	44.694	ng/ul	97
82) Benzo(a)anthracene	21.20	228	1864451m	14.698	ng/ul	
84) Chrysene	21.24	228	1814586	15.413	ng/ul	97
87) Benzo(b)fluoranthene	22.76	252	2114844	17.440	ng/ul	99
88) Benzo(k)fluoranthene	22.80	252	527824m	4.558	ng/ul	
90) Benzo(a)pyrene	23.32	252	1946277	17.076	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.58	276	953601	7.567	ng/ul	97
92) Dibenzo(a,h)anthracene	25.60	278	332555	3.110	ng/ul	96
93) Benzo(g,h,i)perylene	26.24	276	694514	6.665	ng/ul	96

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

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