Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052219\
Data File : BN005878.D
Acq On : 23 May 2019 07:34
Operator : JU/SJ
Sample : K2927-13
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A42B0

Manual Integrations APPROVED
mohammad
5/23/2019 3:31:47 PM

Quant Time: May 23 09:48:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 22 04:04:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	82620	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	359994	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.20	164	243765	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.96	188	602250	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	635373	20.00	ng/ul	0.00
85) Perylene-d12	23.41	264	608108	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	7134	4.83	ng/uL	0.00
5) Phenol-d5	6.76	99	142740	22.36	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.90	67	88537	26.58	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	129744	25.27	ng/ul	0.00
13) 4-Methylphenol-d8	8.28	113	117720	21.56	ng/ul	0.00
19) Nitrobenzene-d5	8.71	128	69642	26.64	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	73379	24.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	143203	24.86	ng/ul	0.00
29) 4-Chloroaniline-d4	10.48	131	111450	17.43	ng/ul	0.00
43) Dimethylphthalate-d6	13.62	166	518931	27.67	ng/ul	0.00
46) Acenaphthylene-d8	13.89	160	636964	27.95	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	31984m	12.10	ng/ul	0.04
57) Fluorene-d10	15.20	176	477686	29.66	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.38	200	15318	4.23	ng/ul	0.01
70) Anthracene-d10	17.06	188	772347	29.69	ng/ul	0.00
78) Pyrene-d10	19.37	212	894762	28.58	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	757211	27.76	ng/ul	0.01
Target Compounds						Qvalue
28) Naphthalene	10.37	128	17953	1.044	ng/ul	96
44) Dimethylphthalate	13.66	163	247079	13.361	ng/ul	99
47) Acenaphthylene	13.92	152	88516	4.034	ng/ul	98
69) Phenanthrene	17.00	178	378562	12.681	ng/ul	99
71) Anthracene	17.09	178	118652	3.903	ng/ul	96
74) Carbazole	17.38	167	35680	1.331	ng/ul	99
76) Fluoranthene	19.04	202	953056	25.822	ng/ul#	89
79) Pyrene	19.40	202	909161	23.301	ng/ul#	87
82) Benzo(a)anthracene	21.19	228	699010	17.463	ng/ul	93
83) Bis(2-ethylhexyl)phthalate	21.12	149	115246	5.081	ng/ul#	98
84) Chrysene	21.23	228	687178	18.211	ng/ul	97
87) Benzo(b)fluoranthene	22.76	252	924885	27.646	ng/ul#	95
88) Benzo(k)fluoranthene	22.79	252	254308m	7.856	ng/ul	
90) Benzo(a)pyrene	23.31	252	606724m	18.729	ng/ul	
91) Indeno(1,2,3-cd)pyrene	25.60	276	395478	9.985	ng/ul#	89
92) Dibenzo(a,h)anthracene	25.60	278	120571	3.616	ng/ul#	82
93) Benzo(g,h,i)perylene	26.27	276	267363	8.076	ng/ul#	88

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

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