Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052219\
Data File : BN005874.D
Acq On : 23 May 2019 05:16
Operator : JU/SJ
Sample : K2927-17
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A42B4

Manual Integrations APPROVED
mohammad
5/23/2019 3:31:35 PM

Quant Time: May 23 07:21:10 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	88926	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	383669	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.20	164	265300	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.96	188	666792	20.00	ng/ul	0.00
77) Chrysene-d12	21.19	240	707471	20.00	ng/ul	0.00
85) Perylene-d12	23.40	264	688686	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	7387	4.65	ng/uL	0.00
5) Phenol-d5	6.76	99	156692	22.80	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.90	67	93877	26.18	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	139105	25.17	ng/ul	0.00
13) 4-Methylphenol-d8	8.28	113	130366	22.18	ng/ul	0.00
19) Nitrobenzene-d5	8.71	128	73197	26.28	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	79198	24.62	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	159446m	25.98	ng/ul	0.00
29) 4-Chloroaniline-d4	10.48	131	155096	22.75	ng/ul	0.00
43) Dimethylphthalate-d6	13.62	166	605115	29.64	ng/ul	0.00
46) Acenaphthylene-d8	13.89	160	715818	28.86	ng/ul	0.00
51) 4-Nitrophenol-d4	14.48	143	48562m	16.89	ng/ul	0.02
57) Fluorene-d10	15.20	176	536811	30.62	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	25928	6.47	ng/ul	0.00
70) Anthracene-d10	17.06	188	875697	30.40	ng/ul	0.00
78) Pyrene-d10	19.37	212	1052587	30.19	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.26	264	920995	29.81	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.79	94	7366	1.051	ng/ul#	71
44) Dimethylphthalate	13.66	163	235547	11.703	ng/ul	100
47) Acenaphthylene	13.92	152	29257	1.225	ng/ul#	96
69) Phenanthrene	17.00	178	291827	8.829	ng/ul	100
71) Anthracene	17.09	178	64923	1.929	ng/ul	98
76) Fluoranthene	19.04	202	724208	17.722	ng/ul#	88
79) Pyrene	19.40	202	671001	15.445	ng/ul#	87
82) Benzo(a)anthracene	21.18	228	397818	8.926	ng/ul	96
83) Bis(2-ethylhexyl)phthalate	21.11	149	73318	2.903	ng/ul#	99
84) Chrysene	21.23	228	385201	9.168	ng/ul	96
87) Benzo(b)fluoranthene	22.75	252	451190	11.909	ng/ul#	95
88) Benzo(k)fluoranthene	22.79	252	140232m	3.825	ng/ul	
90) Benzo(a)pyrene	23.30	252	313558m	8.547	ng/ul	
91) Indeno(1,2,3-cd)pyrene	25.59	276	189119	4.216	ng/ul#	89
92) Dibenzo(a,h)anthracene	25.57	278	56396m	1.494	ng/ul	
93) Benzo(g,h,i)perylene	26.26	276	123913	3.305	ng/ul#	89

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

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