Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052919\
Data File : BN005931.D
Acq On : 29 May 2019 15:37
Operator : JU/SJ
Sample : K2924-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A4272

Manual Integrations APPROVED
mohammad
5/30/2019 1:28:31 PM

Quant Time: May 29 16:41:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 29 02:28:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	372151	20.00	ng/ul	0.00
18) Naphthalene-d8	10.51	136	1728968	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.37	164	1044341	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.12	188	2473276	20.00	ng/ul	0.00
77) Chrysene-d12	21.34	240	2543251	20.00	ng/ul	0.00
85) Perylene-d12	23.61	264	2710330	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	63334	7.49	ng/uL	0.00
5) Phenol-d5	6.89	99	1276080	38.69	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	764729	40.64	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	1003443	39.93	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	851755	31.99	ng/ul	0.00
19) Nitrobenzene-d5	8.88	128	500153	45.07	ng/ul	0.00
22) 2-Nitrophenol-d4	9.59	143	521733	50.48	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	984180	40.33	ng/ul	0.00
29) 4-Chloroaniline-d4	10.64	131	1125733	35.19	ng/ul	0.00
43) Dimethylphthalate-d6	13.78	166	3288315	42.71	ng/ul	0.00
46) Acenaphthylene-d8	14.06	160	3980111	41.33	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	597789	42.67	ng/ul	0.00
57) Fluorene-d10	15.36	176	2861508	44.32	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.48	200	341263	33.85	ng/ul	0.00
70) Anthracene-d10	17.22	188	4156658	39.49	ng/ul	0.00
78) Pyrene-d10	19.53	212	5113933	39.81	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.47	264	4943314	40.87	ng/ul	0.02
Target Compounds						Qvalue
6) Phenol	6.92	94	60209	1.772	ng/ul	96
28) Naphthalene	10.56	128	95435	1.163	ng/ul	99
44) Dimethylphthalate	13.82	163	1000492	13.002	ng/ul	100
69) Phenanthrene	17.16	178	289734	2.364	ng/ul	98
76) Fluoranthene	19.19	202	650595	4.973	ng/ul#	94
79) Pyrene	19.55	202	644177	3.998	ng/ul#	91
82) Benzo(a)anthracene	21.32	228	381070m	2.384	ng/ul	
83) Bis(2-ethylhexyl)phthalate	21.26	149	174197	1.660	ng/ul	99
84) Chrysene	21.38	228	433405	2.907	ng/ul	98
87) Benzo(b)fluoranthene	22.93	252	554809	3.645	ng/ul#	90
88) Benzo(k)fluoranthene	22.97	252	198229m	1.416	ng/ul	
90) Benzo(a)pyrene	23.52	252	336373	2.343	ng/ul#	91
91) Indeno(1,2,3-cd)pyrene	25.88	276	225066	1.336	ng/ul	96
93) Benzo(g,h,i)perylene	26.58	276	176561	1.244	ng/ul#	91

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

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