Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052919\
Data File : BN005947.D
Acq On : 30 May 2019 00:52
Operator : JU/SJ
Sample : K2924-13
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4275

Manual Integrations APPROVED
mohammad
5/30/2019 1:29:17 PM

Quant Time: May 30 14:29:35 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	7.74	152	627588	20.00	ng/ul	0.01
18) Naphthalene-d8	10.52	136	2754737	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.38	164	1533483	20.00	ng/ul	0.01
61) Phenanthrene-d10	17.14	188	3104162	20.00	ng/ul	0.02
77) Chrysene-d12	21.34	240	1993995	20.00	ng/ul	0.01
85) Perylene-d12	23.62	264	2134573	20.00	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	65439	4.59	ng/uL	0.00
5) Phenol-d5	6.91	99	1335434	24.01	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.08	67	807036	25.43	ng/ul	0.00
9) 2-Chlorophenol-d4	7.27	132	1105955	26.10	ng/ul	0.00
13) 4-Methylphenol-d8	8.44	113	911436	20.30	ng/ul	0.01
19) Nitrobenzene-d5	8.89	128	556970	31.50	ng/ul	0.01
22) 2-Nitrophenol-d4	9.61	143	463597	28.15	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.15	165	1068779	27.49	ng/ul	0.02
29) 4-Chloroaniline-d4	10.66	131	776339	15.23	ng/ul	0.01
43) Dimethylphthalate-d6	13.79	166	3173756	28.07	ng/ul	0.01
46) Acenaphthylene-d8	14.08	160	3984953	28.18	ng/ul	0.02
51) 4-Nitrophenol-d4	14.59	143	417830	20.31	ng/ul	0.03
57) Fluorene-d10	15.38	176	2718180	28.67	ng/ul	0.02
62) 4,6-Dinitro-2-methylphenol	15.51	200	19044	1.51	ng/ul	0.03
70) Anthracene-d10	17.24	188	3763780	28.49	ng/ul	0.02
78) Pyrene-d10	19.54	212	3368910	33.45	ng/ul	0.02
89) Benzo(a)pyrene-d12	23.47	264	2619137	27.50	ng/ul	0.02
Target Compounds						Qvalue
4) Benzaldehyde	6.89	77	77048	2.006	ng/ul	92
44) Dimethylphthalate	13.84	163	1054366	9.331	ng/ul	99
69) Phenanthrene	17.18	178	504238	3.279	ng/ul	100
76) Fluoranthene	19.20	202	1056620m	6.435	ng/ul	
79) Pyrene	19.57	202	827736	6.553	ng/ul	97
82) Benzo(a)anthracene	21.32	228	361696	2.886	ng/ul	93
84) Chrysene	21.38	228	383613m	3.281	ng/ul	
87) Benzo(b)fluoranthene	22.93	252	505990	4.220	ng/ul#	84
88) Benzo(k)fluoranthene	22.98	252	154169m	1.399	ng/ul	
90) Benzo(a)pyrene	23.52	252	313053	2.769	ng/ul#	81
91) Indeno(1,2,3-cd)pyrene	25.91	276	228286	1.721	ng/ul#	88
93) Benzo(g,h,i)perylene	26.61	276	148803	1.332	ng/ul#	78

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

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