Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060119\
Data File : BN006026.D
Acq On : 02 Jun 2019 11:16
Operator : JU/SJ
Sample : K2924-16
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A4278

Manual Integrations APPROVED
Sohil
6/4/2019 8:38:42 AM

Quant Time: Jun 03 03:52:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jun 01 01:49:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	501491	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.52	136	2145839	20.00	ng/ul	-0.02
35) Acenaphthene-d10	14.38	164	1179877	20.00	ng/ul	-0.02
61) Phenanthrene-d10	17.14	188	2304442	20.00	ng/ul	-0.02
77) Chrysene-d12	21.36	240	1476866	20.00	ng/ul	-0.02
85) Perylene-d12	23.66	264	1576343	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	63660	5.59	ng/uL	0.00
5) Phenol-d5	6.90	99	1246027	28.03	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.07	67	777741	30.67	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.26	132	1039570	30.70	ng/ul	-0.01
13) 4-Methylphenol-d8	8.44	113	971689	27.08	ng/ul	-0.01
19) Nitrobenzene-d5	8.88	128	536946	38.99	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.60	143	582669	45.43	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.14	165	972620	32.11	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.65	131	905264	22.80	ng/ul	-0.02
43) Dimethylphthalate-d6	13.79	166	2919291	33.56	ng/ul	-0.01
46) Acenaphthylene-d8	14.08	160	3568080	32.79	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.59	143	366746	23.17	ng/ul	-0.02
57) Fluorene-d10	15.38	176	2512361	34.44	ng/ul	-0.02
62) 4,6-Dinitro-2-methylphenol	15.51	200	130799	13.93	ng/ul	-0.02
70) Anthracene-d10	17.24	188	3147446	32.09	ng/ul	-0.01
78) Pyrene-d10	19.55	212	2837616	38.04	ng/ul	-0.02
89) Benzo(a)pyrene-d12	23.51	264	2254113	32.05	ng/ul	-0.01
Target Compounds						Qvalue
44) Dimethylphthalate	13.84	163	936199	10.769	ng/ul	99
69) Phenanthrene	17.18	178	417960	3.661	ng/ul	99
76) Fluoranthene	19.21	202	839397	6.887	ng/ul	98
79) Pyrene	19.58	202	682133	7.291	ng/ul	96
82) Benzo(a)anthracene	21.35	228	308408	3.322	ng/ul	96
84) Chrysene	21.40	228	354411	4.093	ng/ul	97
87) Benzo(b)fluoranthene	22.97	252	426174	4.813	ng/ul#	92
88) Benzo(k)fluoranthene	23.01	252	142426m	1.750	ng/ul	
90) Benzo(a)pyrene	23.56	252	273778	3.279	ng/ul#	93
91) Indeno(1,2,3-cd)pyrene	25.96	276	194030	1.980	ng/ul	96
93) Benzo(g,h,i)perylene	26.66	276	132142	1.601	ng/ul	93

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

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