Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060120\

Quantitation Report (LSC Reviewed)

Data File : BM026215.D
Acq On : 02 Jun 2020 02:05
Operator : JU/CG
Sample : L2829-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5CE5

Manual Integrations APPROVED
mohammad
6/2/2020 3:22:09 PM

Quant Time: Jun 02 11:12:35 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 01 16:59:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	190690	20.00	ng/ul	0.00
18) Naphthalene-d8	10.23	136	753020	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.12	164	468752	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.89	188	946840	20.00	ng/ul	0.02
78) Chrysene-d12	21.07	240	974375	20.00	ng/ul	0.00
86) Perylene-d12	23.19	264	1024638	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.06	96	25633	4.05	ng/uL	0.00
5) Phenol-d5	6.67	99	114471	6.62	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.82	67	316732	26.47	ng/ul	0.00
9) 2-Chlorophenol-d4	7.02	132	300863	22.22	ng/ul	0.00
13) 4-Methylphenol-d8	8.19	113	197213	15.13	ng/ul	0.00
19) Nitrobenzene-d5	8.62	128	203118	33.09	ng/ul	0.00
22) 2-Nitrophenol-d4	9.33	143	206281	33.97	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.87	165	330901	27.14	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	13.55	166	1050246	27.94	ng/ul	0.00
47) Acenaphthylene-d8	13.81	160	1270974	28.54	ng/ul	0.00
52) 4-Nitrophenol-d4	14.36	143	59257	8.90	ng/ul	0.02
58) Fluorene-d10	15.12	176	934364	28.58	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.27	200	243350m	44.08	ng/ul	0.02
71) Anthracene-d10	16.99	188	1425894	30.56	ng/ul	0.02
79) Pyrene-d10	19.27	212	1532578	30.62	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.06	264	1498715	27.48	ng/ul	0.00
Target Compounds						Qvalue
16) 4-Methylphenol	8.26	108	17562	1.209	ng/ul	99
24) 2,4-Dimethylphenol	9.45	107	27683	1.642	ng/ul#	57
27) 2,4-Dichlorophenol	9.90	162	47139m	3.728	ng/ul	
28) Naphthalene	10.28	128	1037176	22.527	ng/ul	99
34) 2-Methylnaphthalene	11.91	142	1338139	43.211	ng/ul	99
39) 2,4,6-Trichlorophenol	12.54	196	40416	4.135	ng/ul	97
40) 2,4,5-Trichlorophenol	12.62	196	698726	64.779	ng/ul	98
41) 1,1'-Biphenyl	12.95	154	510107	12.264	ng/ul	99
45) Dimethylphthalate	13.60	163	193102	4.893	ng/ul#	93
48) Acenaphthylene	13.85	152	116000	2.373	ng/ul#	13
50) Acenaphthene	14.19	153	347000	10.063	ng/ul	98
54) Dibenzofuran	14.52	168	244237	5.040	ng/ul#	73
56) 2,3,4,6-Tetrachlorophenol	14.77	232	930487	102.580	ng/ul#	99
59) Fluorene	15.18	166	423769	10.811	ng/ul#	94
69) Pentachlorophenol	16.61	266	25639049	3755.059	ng/ul	98
70) Phenanthrene	16.93	178	1536093	25.755	ng/ul	97
72) Anthracene	17.02	178	236933m	3.960	ng/ul	
77) Fluoranthene	18.94	202	197233	3.153	ng/ul#	92
80) Pyrene	19.30	202	451498	6.601	ng/ul	99

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

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