Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052620\
Data File : BM026130.D
Acq On : 27 May 2020 01:33
Operator : MA/SJ
Sample : L2756-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETKW8

Manual Integrations APPROVED
mohammad
5/27/2020 11:47:47 AM

Quant Time: May 27 07:50:58 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 26 11:15:44 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	173439	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	705733	20.00	ng/ul	0.04
36) Acenaphthene-d10	14.13	164	435160	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.88	188	914226	20.00	ng/ul	0.00
78) Chrysene-d12	21.07	240	947924	20.00	ng/ul	-0.01
86) Perylene-d12	23.19	264	977273	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.06	96	26798	4.66	ng/uL	0.00
5) Phenol-d5	6.69	99	113328	7.20	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.84	67	313870	28.84	ng/ul	0.00
9) 2-Chlorophenol-d4	7.03	132	300001	24.36	ng/ul	0.00
13) 4-Methylphenol-d8	8.21	113	204782	17.27	ng/ul	0.00
19) Nitrobenzene-d5	8.63	128	226081	39.30	ng/ul	0.00
22) 2-Nitrophenol-d4	9.36	143	205864	36.17	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	9.91	165	357228	31.26	ng/ul	0.02
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	13.56	166	1230311	35.26	ng/ul	0.00
47) Acenaphthylene-d8	13.82	160	1435279	34.72	ng/ul	0.00
52) 4-Nitrophenol-d4	14.36	143	51198	8.28	ng/ul	0.00
58) Fluorene-d10	15.13	176	1075488	35.43	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.26	200	200808	37.67	ng/ul	0.00
71) Anthracene-d10	16.98	188	1671727	37.11	ng/ul	0.00
79) Pyrene-d10	19.28	212	1850350	38.00	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.06	264	1619663	31.14	ng/ul	0.00
Target Compounds						Qvalue
11) 2-Methylphenol	7.95	108	229705	18.90	ng/ul	89
14) Acetophenone	8.30	105	307416	15.45	ng/ul	94
16) 4-Methylphenol	8.27	108	227377	17.20	ng/ul	95
21) Isophorone	9.23	82	6998410	238.12	ng/ul	98
24) 2,4-Dimethylphenol	9.51	107	191540m	12.12	ng/ul	
28) Naphthalene	10.31	128	56373544m	1306.46	ng/ul	
34) 2-Methylnaphthalene	11.95	142	12927520	445.43	ng/ul	100
41) 1,1'-Biphenyl	12.96	154	2508247	64.96	ng/ul	99
45) Dimethylphthalate	13.60	163	369423	10.08	ng/ul	99
48) Acenaphthylene	13.86	152	6833992	150.56	ng/ul	98
50) Acenaphthene	14.20	153	592085	18.50	ng/ul	97
54) Dibenzofuran	14.53	168	140985	3.13	ng/ul	100
59) Fluorene	15.19	166	2096258	57.61	ng/ul	100
69) Pentachlorophenol	16.54	266	7928	1.20	ng/ul	96
70) Phenanthrene	16.93	178	5094146	88.46	ng/ul	99
72) Anthracene	17.02	178	781596	13.53	ng/ul	98
75) Carbazole	17.29	167	149160	3.12	ng/ul	98
77) Fluoranthene	18.94	202	590009	9.77	ng/ul	99
80) Pyrene	19.31	202	792839	11.91	ng/ul	97
83) Benzo(a)anthracene	21.06	228	72667m	1.11	ng/ul	

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

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