Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101619\
Data File : BM023201.D
Acq On : 16 Oct 2019 21:33
Operator : JU
Sample : K5262-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB69

Manual Integrations APPROVED
mohammad
10/18/2019 8:27:23 AM

Quant Time: Oct 17 05:49:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 17 04:31:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	413304	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	1650256	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.31	164	937113	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.05	188	1786374	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	1685700	20.00	ng/ul	0.00
86) Perylene-d12	23.46	264	2065733	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	30358	3.23	ng/uL	0.00
5) Phenol-d5	6.83	99	538569	14.96	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	337333	16.56	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	451964	16.41	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	387910	13.42	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	212546	19.04	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	226586	21.31	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	446138	16.50	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	266953	8.12	ng/ul	0.00
44) Dimethylphthalate-d6	13.72	166	1340741	18.67	ng/ul	0.00
47) Acenaphthylene-d8	14.00	160	1571977	18.66	ng/ul	0.00
52) 4-Nitrophenol-d4	14.50	143	124693	10.73	ng/ul	0.00
58) Fluorene-d10	15.30	176	1131267	18.49	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.42	200	94978	13.41	ng/ul	0.00
71) Anthracene-d10	17.15	188	1682171	19.53	ng/ul	0.00
79) Pyrene-d10	19.45	212	1767034	21.65	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.32	264	2091092	19.97	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.86	94	113384	3.054	ng/ul	99
45) Dimethylphthalate	13.77	163	423695	5.895	ng/ul	99
48) Acenaphthylene	14.03	152	196197	2.278	ng/ul	99
50) Acenaphthene	14.37	153	70567	1.177	ng/ul	93
70) Phenanthrene	17.09	178	1354383	13.510	ng/ul	99
72) Anthracene	17.19	178	389122	3.756	ng/ul	100
75) Carbazole	17.45	167	109426	1.182	ng/ul	96
77) Fluoranthene	19.12	202	2977945	24.977	ng/ul	100
80) Pyrene	19.48	202	2844631	26.937	ng/ul	100
81) Butylbenzylphthalate	20.40	149	156292	4.255	ng/ul	97
83) Benzo(a)anthracene	21.23	228	1646148	14.412	ng/ul	95
84) Bis(2-ethylhexyl)phthalate	21.19	149	1424394	24.389	ng/ul	100
85) Chrysene	21.28	228	1626032	15.332	ng/ul	97
88) Benzo(b)fluoranthene	22.80	252	2512845	20.063	ng/ul	96
89) Benzo(k)fluoranthene	22.84	252	772871m	6.426	ng/ul	
91) Benzo(a)pyrene	23.36	252	1877497	15.625	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.67	276	1495142	10.459	ng/ul	99
93) Dibenzo(a,h)anthracene	25.68	278	379395	3.174	ng/ul#	91
94) Benzo(g,h,i)perylene	26.35	276	1522592	12.937	ng/ul	99

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

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