Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090819\
Data File : BM022592.D
Acq On : 09 Sep 2019 07:33
Operator : HP/JU
Sample : K4706-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF568

Manual Integrations APPROVED
mohammad
9/10/2019 2:08:50 PM

Quant Time: Sep 09 16:44:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 09 07:45:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	498736	20.00	ng/ul	0.00
18) Naphthalene-d8	10.69	136	2004863	20.00	ng/ul	0.04
36) Acenaphthene-d10	14.49	164	1403656	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.23	188	2802855	20.00	ng/ul	0.00
78) Chrysene-d12	21.40	240	2842148	20.00	ng/ul	0.00
86) Perylene-d12	23.69	264	3048324	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.30	96	54065	4.52	ng/uL	0.00
5) Phenol-d5	7.01	99	338417	7.36	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.19	67	738002	27.99	ng/ul	0.00
9) 2-Chlorophenol-d4	7.39	132	839179	23.09	ng/ul	0.00
13) 4-Methylphenol-d8	8.55	113	594908	15.91	ng/ul	0.00
19) Nitrobenzene-d5	9.02	128	463440	32.04	ng/ul	0.01
22) 2-Nitrophenol-d4	9.73	143	501177	37.58	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	1004619	29.66	ng/ul	0.00
29) 4-Chloroaniline-d4	10.82	131	346057	7.74	ng/ul	0.05
44) Dimethylphthalate-d6	13.90	166	3445598	30.29	ng/ul	0.00
47) Acenaphthylene-d8	14.18	160	3979432	29.22	ng/ul	0.00
52) 4-Nitrophenol-d4	14.67	143	191377	9.85	ng/ul	0.00
58) Fluorene-d10	15.48	176	2955602	31.04	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.59	200	508240	39.89	ng/ul	0.00
71) Anthracene-d10	17.32	188	4596929	32.02	ng/ul	0.00
79) Pyrene-d10	19.61	212	5172813	32.80	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.54	264	5452393	33.28	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.04	94	134452	2.797	ng/ul	100
14) Acetophenone	8.67	105	145484	2.493	ng/ul#	55
16) 4-Methylphenol	8.61	108	174467	4.307	ng/ul	91
28) Naphthalene	10.70	128	56635535m	509.518	ng/ul	
34) 2-Methylnaphthalene	12.33	142	23913392m	285.555	ng/ul	
41) 1,1'-Biphenyl	13.33	154	5670765	48.516	ng/ul	99
45) Dimethylphthalate	13.95	163	278013	2.408	ng/ul	100
48) Acenaphthylene	14.21	152	682647	4.832	ng/ul#	95
50) Acenaphthene	14.56	153	9039242	92.344	ng/ul	98
54) Dibenzofuran	14.89	168	10390497	76.484	ng/ul	95
59) Fluorene	15.54	166	6250377	55.924	ng/ul	99
69) Pentachlorophenol	16.87	266	134632	6.323	ng/ul	98
70) Phenanthrene	17.27	178	8934258	52.059	ng/ul	96
72) Anthracene	17.36	178	640964	3.636	ng/ul	99
75) Carbazole	17.62	167	3539455	22.339	ng/ul	100
77) Fluoranthene	19.27	202	2501828	12.846	ng/ul	98
80) Pyrene	19.64	202	1520523	7.392	ng/ul	100
83) Benzo(a)anthracene	21.38	228	323573	1.535	ng/ul	98
85) Chrysene	21.43	228	313866m	1.618	ng/ul	
88) Benzo(b)fluoranthene	22.99	252	278467	1.389	ng/ul#	96

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

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