Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020921\
Data File : BM028687.D
Acq On : 09 Feb 2021 16:40
Operator : CG/JU
Sample : M1310-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0A39

Manual Integrations APPROVED
mohammad
2/10/2021 12:15:39 PM

Quant Time: Feb 09 17:15:35 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011621MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 09 10:35:42 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	26492	20.00	ng/ul	0.00
18) Naphthalene-d8	10.70	136	104769	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.55	164	58824	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.29	188	117539	20.00	ng/ul	0.00
78) Chrysene-d12	21.45	240	108276	20.00	ng/ul	0.02
86) Perylene-d12	23.69	264	127758m	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	1537	2.44	ng/uL	0.00
5) Phenol-d5	7.07	99	31047	13.73	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.23	67	20880	14.75	ng/ul	0.00
9) 2-Chlorophenol-d4	7.42	132	30566	15.59	ng/ul	0.00
13) 4-Methylphenol-d8	8.62	113	26601	14.56	ng/ul	0.00
19) Nitrobenzene-d5	9.07	128	13914	15.52	ng/ul	0.00
22) 2-Nitrophenol-d4	9.79	143	16034	16.38	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.33	165	28700	16.09	ng/ul	0.00
29) 4-Chloroaniline-d4	10.85	131	25044	12.06	ng/ul	0.00
44) Dimethylphthalate-d6	13.96	166	83797	17.94	ng/ul	0.00
47) Acenaphthylene-d8	14.24	160	107933	18.09	ng/ul	0.00
52) 4-Nitrophenol-d4	14.77	143	7500	8.57	ng/ul	0.00
58) Fluorene-d10	15.54	176	72457	17.95	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.67	200	10918	13.50	ng/ul	0.00
71) Anthracene-d10	17.39	188	113935	18.83	ng/ul	0.00
79) Pyrene-d10	19.67	212	119354	18.87	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.55	264	127408	17.57	ng/ul	0.02
Target Compounds						Qvalue
6) Phenol	7.09	94	5916	2.629	ng/ul	96
14) Acetophenone	8.73	105	7079	2.619	ng/ul	96
28) Naphthalene	10.75	128	19099	3.165	ng/ul	97
34) 2-Methylnaphthalene	12.36	142	9282	2.319	ng/ul	98
48) Acenaphthylene	14.27	152	75070	12.572	ng/ul	100
50) Acenaphthene	14.61	153	27769	6.544	ng/ul	97
54) Dibenzofuran	14.95	168	48670	8.547	ng/ul	96
59) Fluorene	15.59	166	52117	11.125	ng/ul	97
70) Phenanthrene	17.34	178	2317558	319.330	ng/ul	99
72) Anthracene	17.42	178	493561	66.624	ng/ul	99
75) Carbazole	17.69	167	317617	50.444	ng/ul	100
77) Fluoranthene	19.36	202	3938282	498.709	ng/ul	97
80) Pyrene	19.72	202	3465575	413.724	ng/ul	98
83) Benzo(a)anthracene	21.43	228	1952487	259.466	ng/ul	97
85) Chrysene	21.49	228	1858260	254.686	ng/ul	95
88) Benzo(b)fluoranthene	23.03	252	2117110m	244.781	ng/ul	
89) Benzo(k)fluoranthene	23.07	252	734621m	86.754	ng/ul	
91) Benzo(a)pyrene	23.62	252	1393711	174.532	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.99	276	983233m	101.005	ng/ul	
93) Dibenzo(a,h)anthracene	25.99	278	336471m	41.012	ng/ul	
94) Benzo(g,h,i)perylene	26.70	276	804740m	99.081	ng/ul	

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

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