Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102418\
Data File : BM017338.D
Acq On : 25 Oct 2018 03:45
Operator : MJ/SJ
Sample : J5598-06
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AF1

Manual Integrations APPROVED
Sohil
10/25/2018 3:34:32 PM

Quant Time: Oct 25 08:40:07 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 25 02:39:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	316546	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1427141	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.30	164	844432	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.05	188	1951606	20.00	ng/ul	0.00
78) Chrysene-d12	21.26	240	2196797	20.00	ng/ul	0.01
86) Perylene-d12	23.47	264	2029961	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	18775	2.73	ng/uL	0.00
5) Phenol-d5	6.83	99	463195	16.02	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	283601	16.82	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	393625	17.56	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	323285	14.14	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	200976	18.02	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	232035	18.55	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	399122	17.18	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	352505	18.58	ng/ul	0.00
44) Dimethylphthalate-d6	13.72	166	1231246	17.00	ng/ul	0.00
47) Acenaphthylene-d8	13.99	160	1568445	17.84	ng/ul	0.00
52) 4-Nitrophenol-d4	14.52	143	173350	12.81	ng/ul	0.00
58) Fluorene-d10	15.29	176	1083518	17.23	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.42	200	190429	14.00	ng/ul	0.00
71) Anthracene-d10	17.14	188	1712617	17.73	ng/ul	0.00
79) Pyrene-d10	19.45	212	1942952	19.09	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.33	264	1954462	18.23	ng/ul	0.02
Target Compounds						Qvalue
6) Phenol	6.86	94	156388	5.447	ng/ul	95
28) Naphthalene	10.47	128	287939	3.857	ng/ul	99
34) 2-Methylnaphthalene	12.10	142	69164	1.261	ng/ul	100
45) Dimethylphthalate	13.76	163	299528	4.269	ng/ul	99
48) Acenaphthylene	14.02	152	1250213	15.150	ng/ul	99
54) Dibenzofuran	14.70	168	189106	2.259	ng/ul	97
70) Phenanthrene	17.09	178	687571	6.135	ng/ul	98
72) Anthracene	17.18	178	1479036	12.994	ng/ul	99
75) Carbazole	17.46	167	404710	4.066	ng/ul	99
77) Fluoranthene	19.12	202	13270683m	103.307	ng/ul	
80) Pyrene	19.49	202	15413872m	120.830	ng/ul	
83) Benzo(a)anthracene	21.24	228	10764585	80.074	ng/ul#	92
85) Chrysene	21.29	228	11947277	93.461	ng/ul	95
88) Benzo(b)fluoranthene	22.83	252	22684286	190.905	ng/ul#	95
89) Benzo(k)fluoranthene	22.86	252	7670531m	66.086	ng/ul	
91) Benzo(a)pyrene	23.38	252	8368964	72.094	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.69	276	6329832	44.815	ng/ul	97
93) Dibenzo(a,h)anthracene	25.69	278	1660412m	14.078	ng/ul	
94) Benzo(g,h,i)perylene	26.36	276	4498915	37.494	ng/ul	99

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

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