Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
Data File : BG041954.D
Acq On : 4 Aug 2019 22:43
Operator : HP/JU
Sample : K3962-18
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BENZ4

Manual Integrations APPROVED
mohammad
8/5/2019 3:04:08 PM

Quant Time: Aug 05 12:27:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 05 05:06:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	69970	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	287314	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	202355	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.45	188	427455m	20.00	ng/ul	0.00
77) Chrysene-d12	21.73	240	425288	20.00	ng/ul	0.00
85) Perylene-d12	25.01	264	471266	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.42	96	4067	2.54	ng/uL	0.00
5) Phenol-d5	7.18	99	97588	17.77	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.36	67	59839	19.48	ng/ul	0.00
9) 2-Chlorophenol-d4	7.56	132	91562	19.50	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	63378	13.75	ng/ul	0.00
19) Nitrobenzene-d5	9.20	128	49521	22.90	ng/ul	0.00
22) 2-Nitrophenol-d4	9.93	143	60312	24.02	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	105050	20.72	ng/ul	0.00
29) 4-Chloroaniline-d4	10.99	131	92527	16.45	ng/ul	0.00
43) Dimethylphthalate-d6	14.09	166	354043	22.56	ng/ul	0.00
46) Acenaphthylene-d8	14.39	160	411732	22.97	ng/ul	0.00
51) 4-Nitrophenol-d4	14.88	143	38118	14.46	ng/ul	0.00
57) Fluorene-d10	15.69	176	319312	22.87	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	38391m	14.00	ng/ul	0.00
70) Anthracene-d10	17.54	188	483547	23.58	ng/ul	0.00
78) Pyrene-d10	19.83	212	543593	22.90	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.79	264	591039	24.01	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.21	94	5676	1.001	ng/ul#	91
44) Dimethylphthalate	14.14	163	154535	9.917	ng/ul	99
69) Phenanthrene	17.49	178	93068m	3.977	ng/ul	
76) Fluoranthene	19.50	202	303428	11.222	ng/ul	96
79) Pyrene	19.86	202	267117m	9.337	ng/ul	
82) Benzo(a)anthracene	21.71	228	143174	4.855	ng/ul	98
84) Chrysene	21.78	228	168471	6.121	ng/ul	97
87) Benzo(b)fluoranthene	23.97	252	260467	8.807	ng/ul	98
88) Benzo(k)fluoranthene	24.03	252	92609m	3.257	ng/ul	
90) Benzo(a)pyrene	24.85	252	160693	5.702	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	28.74	276	108041m	3.287	ng/ul	
93) Benzo(g,h,i)perylene	29.91	276	97483m	3.552	ng/ul	

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

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