Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
Data File : BM022338.D
Acq On : 26 Aug 2019 19:34
Operator : HP/JU
Sample : K4242-08RE
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AF7RE

Manual Integrations APPROVED
mohammad
8/28/2019 10:00:16 AM

Quant Time: Aug 27 16:12:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 27 11:54:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	32502	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	135931	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.20	164	83936	20.00	ng/ul	-0.01
61) Phenanthrene-d10	16.97	188	178846	20.00	ng/ul	0.00
77) Chrysene-d12	21.21	240	379009m	20.00	ng/ul	0.03
85) Perylene-d12	23.46	264	751770m	20.00	ng/ul	0.08
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	2658	3.66	ng/uL	0.00
5) Phenol-d5	6.75	99	68394	24.38	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.90	67	43996	26.96	ng/ul	0.00
9) 2-Chlorophenol-d4	7.08	132	61987	27.37	ng/ul	0.00
13) 4-Methylphenol-d8	8.27	113	57803	23.78	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	35266	34.80	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	38203	32.38	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.96	165	72933	30.37	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	22178	7.59	ng/ul	0.00
43) Dimethylphthalate-d6	13.63	166	250340	33.87	ng/ul	0.00
46) Acenaphthylene-d8	13.89	160	264906	33.27	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	26194m	23.92	ng/ul	0.02
57) Fluorene-d10	15.20	176	202275	33.00	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	21329	15.46	ng/ul	0.00
70) Anthracene-d10	17.07	188	326563	34.48	ng/ul	0.00
78) Pyrene-d10	19.39	212	793605	40.29	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.31	264	1314332m	31.82	ng/ul	0.08
Target Compounds						Qvalue
28) Naphthalene	10.36	128	18801	2.506	ng/ul#	44
34) 2-Methylnaphthalene	11.99	142	9927	1.718	ng/ul	95
44) Dimethylphthalate	13.67	163	44923	5.973	ng/ul	98
69) Phenanthrene	17.01	178	25667	2.399	ng/ul#	87
76) Fluoranthene	19.04	202	156264	9.692	ng/ul	98
79) Pyrene	19.42	202	238439	9.720	ng/ul	97
80) Butylbenzylphthalate	20.33	149	244967m	23.594	ng/ul	
82) Benzo(a)anthracene	21.19	228	104593m	3.667	ng/ul	
83) Bis(2-ethylhexyl)phthalate	21.12	149	652052m	41.735	ng/ul	
84) Chrysene	21.24	228	121832m	4.568	ng/ul	
90) Benzo(a)pyrene	23.36	252	284541m	5.708	ng/ul	
91) Indeno(1,2,3-cd)pyrene	25.69	276	200374m	3.462	ng/ul	
93) Benzo(g,h,i)perylene	26.37	276	184794m	4.185	ng/ul	

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

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