Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051719\
Data File : BM020361.D
Acq On : 17 May 2019 12:46
Operator : JU/SJ
Sample : K2604-18DL 20X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAJ89DL

Manual Integrations APPROVED
mohammad
5/20/2019 2:46:13 PM

Quant Time: May 18 03:40:05 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat May 18 02:51:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	59853	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	221973	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.39	164	137569	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.13	188	335281	20.00	ng/ul	0.00
77) Chrysene-d12	21.33	240	353225	20.00	ng/ul	0.00
85) Perylene-d12	23.60	264	397632	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.92	99	3115	0.65	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.09	67	1955	0.64	ng/ul	0.01
9) 2-Chlorophenol-d4	7.27	132	2965	0.85	ng/ul	0.01
13) 4-Methylphenol-d8	8.46	113	1545m	0.44	ng/ul	0.02
19) Nitrobenzene-d5	8.92	128	690	0.48	ng/ul	0.01
22) 2-Nitrophenol-d4	9.63	143	686	0.43	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.18	165	1588m	0.47	ng/ul	0.04
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
43) Dimethylphthalate-d6	13.80	166	11438	1.16	ng/ul	0.00
46) Acenaphthylene-d8	14.07	160	13412	1.08	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	15.38	176	10466	1.19	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	17.23	188	17789	1.24	ng/ul	0.00
78) Pyrene-d10	19.53	212	22059	1.30	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.46	264	23221	1.29	ng/ul	0.00
Target Compounds						Qvalue
47) Acenaphthylene	14.10	152	100029	8.568	ng/ul	98
69) Phenanthrene	17.18	178	43930	2.750	ng/ul	97
71) Anthracene	17.27	178	61161	3.764	ng/ul	96
76) Fluoranthene	19.20	202	511362	25.340	ng/ul	99
79) Pyrene	19.56	202	1016334	47.937	ng/ul	98
82) Benzo(a)anthracene	21.31	228	477757	22.472	ng/ul	94
84) Chrysene	21.37	228	496850	24.455	ng/ul	97
87) Benzo(b)fluoranthene	22.92	252	474951m	20.929	ng/ul	
88) Benzo(k)fluoranthene	22.95	252	148111m	6.644	ng/ul	
90) Benzo(a)pyrene	23.50	252	395625	18.524	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.91	276	236754	9.729	ng/ul	97
92) Dibenzo(a,h)anthracene	25.91	278	69436	3.337	ng/ul#	91
93) Benzo(g,h,i)perylene	26.61	276	242797	12.053	ng/ul	98

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

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