Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
Data File : BM022375.D
Acq On : 27 Aug 2019 20:13
Operator : HP/JU
Sample : K4242-02ME
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AG7ME

Manual Integrations APPROVED
mohammad
8/28/2019 11:32:54 PM

Quant Time: Aug 28 10:40:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 27 17:04:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	25624	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.31	136	117540	20.00	ng/ul	-0.02
35) Acenaphthene-d10	14.20	164	83773	20.00	ng/ul	-0.01
61) Phenanthrene-d10	16.96	188	196667	20.00	ng/ul	-0.02
77) Chrysene-d12	21.17	240	212556	20.00	ng/ul	0.00
85) Perylene-d12	23.36	264	187655	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	1798	3.14	ng/uL	0.00
5) Phenol-d5	6.74	99	40281	18.21	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.90	67	24548	19.08	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.08	132	34979	19.59	ng/ul	0.00
13) 4-Methylphenol-d8	8.26	113	35856	18.71	ng/ul	-0.01
19) Nitrobenzene-d5	8.72	128	17870	20.39	ng/ul	0.00
22) 2-Nitrophenol-d4	9.42	143	19294	18.91	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	9.96	165	39917	19.22	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	42142	16.69	ng/ul	0.00
43) Dimethylphthalate-d6	13.62	166	142650	19.34	ng/ul	-0.01
46) Acenaphthylene-d8	13.89	160	152577	19.20	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.50	143	10154m	9.29	ng/ul	0.03
57) Fluorene-d10	15.20	176	121507	19.86	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.38	200	15760	10.39	ng/ul	0.00
70) Anthracene-d10	17.06	188	210746	20.24	ng/ul	-0.01
78) Pyrene-d10	19.37	212	293008	26.52	ng/ul	-0.01
89) Benzo(a)pyrene-d12	23.22	264	225482	21.87	ng/ul	-0.01
Target Compounds						Qvalue
14) Acetophenone	8.39	105	4869	1.469	ng/ul	94
49) Acenaphthene	14.26	153	17284	2.954	ng/ul	94
53) Dibenzofuran	14.61	168	9961	1.143	ng/ul	98
58) Fluorene	15.26	166	16564	2.257	ng/ul	99
69) Phenanthrene	17.00	178	403487	34.294	ng/ul	99
71) Anthracene	17.10	178	97037	7.926	ng/ul	98
74) Carbazole	17.39	167	36171	3.271	ng/ul	98
76) Fluoranthene	19.03	202	811688	45.780	ng/ul#	96
79) Pyrene	19.40	202	694263	50.463	ng/ul#	95
82) Benzo(a)anthracene	21.16	228	342631	21.417	ng/ul	98
84) Chrysene	21.21	228	285318	19.074	ng/ul	98
87) Benzo(b)fluoranthene	22.71	252	298808	22.890	ng/ul	97
88) Benzo(k)fluoranthene	22.75	252	101493	8.018	ng/ul	99
90) Benzo(a)pyrene	23.27	252	223594	17.970	ng/ul	96
91) Indeno(1,2,3-cd)pyrene	25.54	276	126693	8.769	ng/ul#	94
92) Dibenzo(a,h)anthracene	25.54	278	31693	2.584	ng/ul#	89
93) Benzo(g,h,i)perylene	26.21	276	116087	10.532	ng/ul	96

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

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