Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
Data File : BM022373.D
Acq On : 27 Aug 2019 19:00
Operator : HP/JU
Sample : K4242-02 5X
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AG7

Manual Integrations APPROVED
mohammad
8/28/2019 11:32:46 PM

Quant Time: Aug 28 04:51:44 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	25878	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.31	136	110717	20.00	ng/ul	-0.02
35) Acenaphthene-d10	14.20	164	77115	20.00	ng/ul	-0.01
61) Phenanthrene-d10	16.96	188	175274	20.00	ng/ul	-0.01
77) Chrysene-d12	21.18	240	205983	20.00	ng/ul	0.00
85) Perylene-d12	23.37	264	178877	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	6.76	99	5699	2.55	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.91	67	3485	2.68	ng/ul	0.00
9) 2-Chlorophenol-d4	7.09	132	5315	2.95	ng/ul	0.00
13) 4-Methylphenol-d8	8.28	113	5405m	2.79	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	2238	2.71	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	2416m	2.51	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	5860m	3.00	ng/ul	0.03
29) 4-Chloroaniline-d4	10.52	131	4914m	2.07	ng/ul	0.03
43) Dimethylphthalate-d6	13.63	166	24600	3.62	ng/ul	0.00
46) Acenaphthylene-d8	13.89	160	24577	3.36	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	615m	0.61	ng/ul	0.09
57) Fluorene-d10	15.20	176	21379	3.80	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.40	200	1039	0.77	ng/ul	0.02
70) Anthracene-d10	17.06	188	36891	3.97	ng/ul	-0.01
78) Pyrene-d10	19.37	212	50380	4.71	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.23	264	37282	3.79	ng/ul	0.00
Target Compounds						Qvalue
14) Acetophenone	8.40	105	4536	1.356	ng/ul#	76
28) Naphthalene	10.36	128	48184	7.886	ng/ul	98
34) 2-Methylnaphthalene	12.00	142	13983	2.970	ng/ul	99
49) Acenaphthene	14.26	153	129707	24.086	ng/ul	100
53) Dibenzofuran	14.60	168	91695	11.432	ng/ul	99
58) Fluorene	15.26	166	141321	20.919	ng/ul	99
69) Phenanthrene	17.02	178	4548703	433.801	ng/ul	99
71) Anthracene	17.10	178	724549	66.402	ng/ul	100
74) Carbazole	17.39	167	263118	26.697	ng/ul	99
76) Fluoranthene	19.05	202	7262164	459.591	ng/ul#	94
79) Pyrene	19.42	202	5452001	408.925	ng/ul#	91
82) Benzo(a)anthracene	21.17	228	2061581	132.978	ng/ul	98
84) Chrysene	21.22	228	1661194	114.600	ng/ul	97
87) Benzo(b)fluoranthene	22.73	252	1908565	153.382	ng/ul#	97
88) Benzo(k)fluoranthene	22.76	252	565973	46.903	ng/ul	99
90) Benzo(a)pyrene	23.28	252	1431876m	120.726	ng/ul	
91) Indeno(1,2,3-cd)pyrene	25.56	276	785049	57.001	ng/ul#	95
92) Dibenzo(a,h)anthracene	25.56	278	204695m	17.507	ng/ul	
93) Benzo(g,h,i)perylene	26.23	276	696529	66.293	ng/ul	95

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

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