Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022311.D
Acq On : 25 Aug 2019 02:57
Operator : HP/JU
Sample : K4373-15
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD4

Manual Integrations APPROVED
mohammad
8/26/2019 8:31:21 AM

Quant Time: Aug 26 02:48:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 26 01:32:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	39986	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	182940	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.21	164	131767	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	309437	20.00	ng/ul	0.00
77) Chrysene-d12	21.18	240	325711	20.00	ng/ul	0.00
85) Perylene-d12	23.37	264	278728	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	4146	4.64	ng/uL	0.00
5) Phenol-d5	6.75	99	21380	6.20	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.91	67	56484	28.14	ng/ul	0.00
9) 2-Chlorophenol-d4	7.09	132	70085	25.15	ng/ul	0.00
13) 4-Methylphenol-d8	8.28	113	47295	15.81	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	44830	32.87	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	54859	34.55	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	102054	31.58	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	20833m	5.30	ng/ul	0.01
43) Dimethylphthalate-d6	13.64	166	385322	33.21	ng/ul	0.00
46) Acenaphthylene-d8	13.90	160	403205	32.26	ng/ul	0.00
51) 4-Nitrophenol-d4	14.50	143	12022	6.99	ng/ul	0.03
57) Fluorene-d10	15.22	176	334788	34.79	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.38	200	56144	23.51	ng/ul	0.00
70) Anthracene-d10	17.07	188	590098	36.01	ng/ul	0.00
78) Pyrene-d10	19.39	212	748317	44.21	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.24	264	548214	35.80	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.78	94	4579	1.239	ng/ul#	73
24) 2,4-Dimethylphenol	9.56	107	22167	5.421	ng/ul#	90
28) Naphthalene	10.39	128	3191521	316.124	ng/ul	99
34) 2-Methylnaphthalene	12.00	142	110643	14.224	ng/ul	99
40) 1,1'-Biphenyl	13.03	154	74661	6.962	ng/ul	96
44) Dimethylphthalate	13.69	163	43627	3.695	ng/ul	99
47) Acenaphthylene	13.93	152	49662	3.832	ng/ul#	86
49) Acenaphthene	14.29	153	1819041	197.686	ng/ul	99
53) Dibenzofuran	14.62	168	1134369	82.770	ng/ul	94
58) Fluorene	15.27	166	587476	50.893	ng/ul	99
69) Phenanthrene	17.02	178	1542643	83.332	ng/ul	99
71) Anthracene	17.11	178	241281	12.525	ng/ul	100
74) Carbazole	17.40	167	276777	15.907	ng/ul	99
76) Fluoranthene	19.05	202	709993	25.451	ng/ul	98
79) Pyrene	19.42	202	455500	21.606	ng/ul	97
82) Benzo(a)anthracene	21.17	228	87664	3.576	ng/ul	96
84) Chrysene	21.22	228	62374	2.721	ng/ul	96
87) Benzo(b)fluoranthene	22.72	252	45235	2.333	ng/ul#	91
90) Benzo(a)pyrene	23.28	252	26598	1.439	ng/ul#	89

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

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