Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022310.D
Acq On : 25 Aug 2019 02:20
Operator : HP/JU
Sample : K4373-19
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AF8

Manual Integrations APPROVED
JAGRUT
8/27/2019 7:50:29 AM

Quant Time: Aug 26 12:04:06 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	47338	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	117098m	20.00	ng/ul	0.05
35) Acenaphthene-d10	14.22	164	163369	20.00	ng/ul	0.01
61) Phenanthrene-d10	16.99	188	435943	20.00	ng/ul	0.01
77) Chrysene-d12	21.19	240	273279	20.00	ng/ul	0.01
85) Perylene-d12	23.39	264	257002	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	4456	4.21	ng/uL	0.00
5) Phenol-d5	6.75	99	27953	6.84	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	65699	27.65	ng/ul	0.00
9) 2-Chlorophenol-d4	7.09	132	80176	24.30	ng/ul	0.00
13) 4-Methylphenol-d8	8.28	113	54657	15.44	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	54707	62.66	ng/ul	0.01
22) 2-Nitrophenol-d4	9.45	143	61988	61.00	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	9.99	165	114871	55.53	ng/ul	0.03
29) 4-Chloroaniline-d4	10.48	131	76296m	30.32	ng/ul	-0.01
43) Dimethylphthalate-d6	13.67	166	426930	29.67	ng/ul	0.04
46) Acenaphthylene-d8	13.91	160	462093	29.82	ng/ul	0.01
51) 4-Nitrophenol-d4	14.52	143	45924m	21.55	ng/ul	0.05
57) Fluorene-d10	15.22	176	379582	31.81	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.42	200	41674	12.39	ng/ul	0.04
70) Anthracene-d10	17.09	188	1095049	47.44	ng/ul	0.02
78) Pyrene-d10	19.39	212	688507	48.48	ng/ul	0.01
89) Benzo(a)pyrene-d12	23.25	264	479449	33.96	ng/ul	0.02
Target Compounds						Qvalue
6) Phenol	6.78	94	16208	3.705	ng/ul#	80
10) 2-Chlorophenol	7.12	128	19997	5.840	ng/ul	95
11) 2-Methylphenol	8.02	108	322675	93.662	ng/ul	96
14) Acetophenone	8.42	105	17265	2.820	ng/ul#	82
16) 4-Methylphenol	8.35	108	110415	29.150	ng/ul	99
24) 2,4-Dimethylphenol	9.56	107	1475404	563.642	ng/ul	96
27) 2,4-Dichlorophenol	10.06	162	54369	25.940	ng/ul#	94
28) Naphthalene	10.42	128	48460339m	7499.040	ng/ul	
34) 2-Methylnaphthalene	12.02	142	2560154	514.192	ng/ul	96
40) 1,1'-Biphenyl	13.04	154	1414963	106.426	ng/ul	99
44) Dimethylphthalate	13.72	163	54609	3.730	ng/ul	97
47) Acenaphthylene	13.93	152	63293	3.939	ng/ul#	65
49) Acenaphthene	14.32	153	14370121	1259.595	ng/ul	96
53) Dibenzofuran	14.64	168	10079296	593.181	ng/ul	87
58) Fluorene	15.30	166	7709748	538.701	ng/ul	98
68) Pentachlorophenol	16.65	266	92496	22.021	ng/ul	97
69) Phenanthrene	17.05	178	11490262	440.575	ng/ul	96
71) Anthracene	17.12	178	576846	21.255	ng/ul	97
74) Carbazole	17.44	167	9686626	395.164	ng/ul	97
76) Fluoranthene	19.06	202	799170	20.334	ng/ul	98
79) Pyrene	19.42	202	443668	25.082	ng/ul	98
82) Benzo(a)anthracene	21.17	228	32174	1.564	ng/ul#	91
84) Chrysene	21.23	228	26086	1.356	ng/ul#	81

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

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