Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102319\
Data File : BM023352.D
Acq On : 23 Oct 2019 21:23
Operator : JU
Sample : K5378-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0012

Manual Integrations APPROVED
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Quant Time: Oct 24 04:01:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 23 18:47:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	775759	20.00	ng/ul	0.00
18) Naphthalene-d8	10.42	136	3391712	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	2104917	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.03	188	3831193	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	2603310	20.00	ng/ul	0.00
86) Perylene-d12	23.43	264	2917577	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.16	96	69987	4.29	ng/uL	0.00
5) Phenol-d5	6.82	99	1556178	23.89	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	1053961	27.60	ng/ul	0.00
9) 2-Chlorophenol-d4	7.17	132	1374745	26.99	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	1081219	20.43	ng/ul	0.00
19) Nitrobenzene-d5	8.79	128	767823	30.07	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	861848	30.42	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	1554067	27.91	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	1119847	17.49	ng/ul	0.00
44) Dimethylphthalate-d6	13.70	166	4824241	30.18	ng/ul	0.00
47) Acenaphthylene-d8	13.97	160	5687864	31.06	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	367718	13.28	ng/ul	0.00
58) Fluorene-d10	15.28	176	4039702	29.84	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.41	200	525738	22.04	ng/ul	0.00
71) Anthracene-d10	17.13	188	5504862	30.40	ng/ul	0.00
79) Pyrene-d10	19.43	212	4919459	34.36	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.30	264	4602877	30.97	ng/ul	0.01
Target Compounds						Qvalue
6) Phenol	6.84	94	173817	2.591	ng/ul	98
45) Dimethylphthalate	13.75	163	1869264	11.647	ng/ul	99
48) Acenaphthylene	14.00	152	1247398	6.572	ng/ul	99
54) Dibenzofuran	14.69	168	324871	1.699	ng/ul	100
59) Fluorene	15.34	166	231370	1.484	ng/ul	97
70) Phenanthrene	17.07	178	16650292m	77.767	ng/ul	
72) Anthracene	17.17	178	4199119	19.357	ng/ul	99
75) Carbazole	17.43	167	2843458	15.549	ng/ul	99
77) Fluoranthene	19.09	202	21407471m	95.857	ng/ul	
80) Pyrene	19.46	202	20119837m	109.447	ng/ul	
83) Benzo(a)anthracene	21.21	228	15114343	86.810	ng/ul#	90
85) Chrysene	21.27	228	14299477	89.011	ng/ul#	77
88) Benzo(b)fluoranthene	22.79	252	20377289	108.746	ng/ul	96
89) Benzo(k)fluoranthene	22.82	252	7437936	42.272	ng/ul	97
91) Benzo(a)pyrene	23.34	252	14454581	85.206	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.65	276	11132083	60.605	ng/ul	97
93) Dibenzo(a,h)anthracene	25.65	278	2858548	18.456	ng/ul#	85
94) Benzo(g,h,i)perylene	26.33	276	10150495	67.921	ng/ul	99

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

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