Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032320\
Data File : BM025766.D
Acq On : 25 Mar 2020 14:08
Operator : CG/JU
Sample : L1938-05
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB723

Manual Integrations APPROVED
mohammad
3/27/2020 8:14:55 AM

Quant Time: Mar 25 16:45:49 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 25 07:24:39 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	173363	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	717036	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.21	164	444441	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.95	188	932224	20.00	ng/ul	-0.01
78) Chrysene-d12	21.14	240	985849	20.00	ng/ul	-0.01
86) Perylene-d12	23.30	264	1092017	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.14	96	20960	5.07	ng/uL	0.00
5) Phenol-d5	6.75	99	424478	31.02	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.92	67	247291	31.66	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	366436	33.00	ng/ul	-0.01
13) 4-Methylphenol-d8	8.27	113	333904	29.70	ng/ul	-0.01
19) Nitrobenzene-d5	8.71	128	180608	33.89	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	197200	34.80	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.96	165	365038	31.51	ng/ul	0.00
29) 4-Chloroaniline-d4	10.47	131	467344	34.74	ng/ul	-0.01
44) Dimethylphthalate-d6	13.63	166	1123786	33.27	ng/ul	0.00
47) Acenaphthylene-d8	13.90	160	1383869	34.20	ng/ul	0.00
52) 4-Nitrophenol-d4	14.42	143	179066	27.84	ng/ul	0.00
58) Fluorene-d10	15.20	176	1004900	33.89	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.33	200	149590	26.30	ng/ul	-0.01
71) Anthracene-d10	17.05	188	1462431	33.59	ng/ul	0.00
79) Pyrene-d10	19.35	212	1661178	35.08	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.17	264	1996781	35.72	ng/ul	0.00
Target Compounds						Qvalue
70) Phenanthrene	16.99	178	268462	4.892	ng/ul	98
72) Anthracene	17.09	178	56481	1.010	ng/ul	97
77) Fluoranthene	19.02	202	708024	10.947	ng/ul	99
80) Pyrene	19.38	202	661270	9.987	ng/ul	100
83) Benzo(a)anthracene	21.13	228	378218	5.819	ng/ul	98
85) Chrysene	21.18	228	361938	5.676	ng/ul	99
88) Benzo(b)fluoranthene	22.66	252	553202	8.119	ng/ul	98
89) Benzo(k)fluoranthene	22.70	252	218646m	3.257	ng/ul	
91) Benzo(a)pyrene	23.20	252	361465	5.830	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.41	276	296549	3.621	ng/ul#	94
93) Dibenzo(a,h)anthracene	25.42	278	78997	1.139	ng/ul#	82
94) Benzo(g,h,i)perylene	26.06	276	192087	2.846	ng/ul	97

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

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