Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032320\
Data File : BM025756.D
Acq On : 25 Mar 2020 08:07
Operator : CG/JU
Sample : L1938-17
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB791

Quant Time: Mar 25 09:07:27 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 25 07:35:39 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	186945	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	736667	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.20	164	454348	20.00	ng/ul	-0.01
62) Phenanthrene-d10	16.95	188	990575	20.00	ng/ul	-0.01
78) Chrysene-d12	21.14	240	1142937	20.00	ng/ul	-0.01
86) Perylene-d12	23.30	264	1307274	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.14	96	24391	5.47	ng/uL	0.00
5) Phenol-d5	6.75	99	438172	29.70	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.92	67	262162	31.13	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	377917	31.56	ng/ul	-0.01
13) 4-Methylphenol-d8	8.27	113	355653	29.34	ng/ul	-0.01
19) Nitrobenzene-d5	8.71	128	187481	34.24	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	189179	32.50	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.96	165	367945	30.91	ng/ul	0.00
29) 4-Chloroaniline-d4	10.47	131	495239	35.83	ng/ul	-0.01
44) Dimethylphthalate-d6	13.63	166	1163328	33.69	ng/ul	0.00
47) Acenaphthylene-d8	13.89	160	1387386	33.54	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.41	143	184521	28.07	ng/ul	-0.01
58) Fluorene-d10	15.20	176	1025457	33.83	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.33	200	152712	25.27	ng/ul	-0.01
71) Anthracene-d10	17.05	188	1538240	33.25	ng/ul	0.00
79) Pyrene-d10	19.35	212	1778138	32.39	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.16	264	2321339	34.68	ng/ul	-0.01
Target Compounds						Qvalue
70) Phenanthrene	16.99	178	154665	2.653	ng/ul	97
77) Fluoranthene	19.02	202	302390	4.400	ng/ul	99
80) Pyrene	19.38	202	274812	3.580	ng/ul	99
83) Benzo(a)anthracene	21.13	228	152548	2.024	ng/ul	97
85) Chrysene	21.18	228	165365	2.237	ng/ul	99
88) Benzo(b)fluoranthene	22.66	252	265508	3.255	ng/ul	99
91) Benzo(a)pyrene	23.20	252	159563	2.150	ng/ul	95
92) Indeno(1,2,3-cd)pyrene	25.41	276	147014	1.500	ng/ul	96
94) Benzo(g,h,i)perylene	26.06	276	100281	1.241	ng/ul	98

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

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