Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032320\
Data File : BM025769.D
Acq On : 25 Mar 2020 15:56
Operator : CG/JU
Sample : L1938-07
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB725

Manual Integrations APPROVED
mohammad
3/27/2020 8:15:01 AM

Quant Time: Mar 25 17:07:39 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	193774	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	812449	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.20	164	513436	20.00	ng/ul	-0.01
62) Phenanthrene-d10	16.95	188	1082136	20.00	ng/ul	-0.01
78) Chrysene-d12	21.14	240	1148514	20.00	ng/ul	-0.01
86) Perylene-d12	23.30	264	1290572	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.14	96	20922	4.53	ng/uL	0.00
5) Phenol-d5	6.75	99	452459	29.59	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.91	67	267278	30.62	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.10	132	385164	31.03	ng/ul	-0.01
13) 4-Methylphenol-d8	8.27	113	378270	30.10	ng/ul	-0.01
19) Nitrobenzene-d5	8.71	128	195167	32.32	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	210489	32.79	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.96	165	391488	29.82	ng/ul	0.00
29) 4-Chloroaniline-d4	10.47	131	528349	34.66	ng/ul	-0.01
44) Dimethylphthalate-d6	13.63	166	1207324	30.94	ng/ul	0.00
47) Acenaphthylene-d8	13.89	160	1493139	31.94	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.41	143	193418	26.03	ng/ul	-0.01
58) Fluorene-d10	15.20	176	1064096	31.07	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.33	200	164148	24.86	ng/ul	-0.01
71) Anthracene-d10	17.05	188	1559663	30.86	ng/ul	0.00
79) Pyrene-d10	19.35	212	1773841	32.15	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.16	264	2168615	32.82	ng/ul	-0.01
Target Compounds						Qvalue
45) Dimethylphthalate	13.67	163	80422	1.980	ng/ul	100
70) Phenanthrene	16.99	178	313799	4.926	ng/ul	99
72) Anthracene	17.09	178	70559	1.087	ng/ul	98
77) Fluoranthene	19.02	202	711401	9.475	ng/ul	99
80) Pyrene	19.38	202	647055	8.389	ng/ul	99
83) Benzo(a)anthracene	21.13	228	385856	5.096	ng/ul	97
85) Chrysene	21.18	228	364699	4.909	ng/ul	99
88) Benzo(b)fluoranthene	22.66	252	591399	7.344	ng/ul	98
89) Benzo(k)fluoranthene	22.70	252	162485m	2.048	ng/ul	
91) Benzo(a)pyrene	23.20	252	355887	4.857	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.41	276	278268	2.875	ng/ul	95
94) Benzo(g,h,i)perylene	26.06	276	182620	2.290	ng/ul	97

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

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