Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032320\
Data File : BM025762.D
Acq On : 25 Mar 2020 11:45
Operator : CG/JU
Sample : L1938-16
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB790

Manual Integrations APPROVED
mohammad
3/27/2020 8:14:29 AM

Quant Time: Mar 25 16:14:29 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	161633	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	665910	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.21	164	418295	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.95	188	887642	20.00	ng/ul	-0.01
78) Chrysene-d12	21.14	240	953160	20.00	ng/ul	-0.01
86) Perylene-d12	23.30	264	1083475	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.14	96	27180	7.05	ng/uL	0.00
5) Phenol-d5	6.75	99	479589	37.59	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.92	67	276866	38.02	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	403355	38.96	ng/ul	-0.01
13) 4-Methylphenol-d8	8.28	113	366472	34.96	ng/ul	-0.01
19) Nitrobenzene-d5	8.71	128	209234	42.28	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	223631	42.50	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.96	165	410921	38.19	ng/ul	0.00
29) 4-Chloroaniline-d4	10.47	131	536368	42.93	ng/ul	0.00
44) Dimethylphthalate-d6	13.63	166	1258804	39.60	ng/ul	0.00
47) Acenaphthylene-d8	13.90	160	1547573	40.63	ng/ul	0.00
52) 4-Nitrophenol-d4	14.41	143	210400	34.76	ng/ul	-0.01
58) Fluorene-d10	15.20	176	1121947	40.20	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.33	200	168089	31.04	ng/ul	-0.01
71) Anthracene-d10	17.05	188	1645113	39.68	ng/ul	0.00
79) Pyrene-d10	19.35	212	1847623	40.36	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.16	264	2281053	41.12	ng/ul	-0.01
Target Compounds						Qvalue
70) Phenanthrene	16.99	178	377797	7.231	ng/ul	100
72) Anthracene	17.09	178	69853	1.312	ng/ul	99
77) Fluoranthene	19.02	202	720213	11.694	ng/ul	98
80) Pyrene	19.38	202	628028	9.811	ng/ul	99
83) Benzo(a)anthracene	21.13	228	355834	5.662	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.09	149	51639	1.365	ng/ul	100
85) Chrysene	21.18	228	377835	6.128	ng/ul	99
88) Benzo(b)fluoranthene	22.66	252	604467	8.941	ng/ul	98
89) Benzo(k)fluoranthene	22.70	252	177227m	2.661	ng/ul	
91) Benzo(a)pyrene	23.20	252	364519	5.925	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.42	276	314424	3.870	ng/ul	95
93) Dibenzo(a,h)anthracene	25.42	278	85348	1.241	ng/ul	96
94) Benzo(g,h,i)perylene	26.06	276	208165	3.109	ng/ul	99

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

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