Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040120\
Data File : BM025881.D
Acq On : 01 Apr 2020 00:39
Operator : CG/JU
Sample : L2045-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AB9

Manual Integrations APPROVED
mohammad
4/1/2020 11:56:33 AM

Quant Time: Apr 01 02:41:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 01 01:28:55 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	187535	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	764162	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.20	164	455516	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.94	188	945636	20.00	ng/ul	0.00
78) Chrysene-d12	21.14	240	990223	20.00	ng/ul	0.00
86) Perylene-d12	23.29	264	1118995	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	15188	3.40	ng/uL	0.00
5) Phenol-d5	6.75	99	407302	27.52	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.90	67	211334	25.02	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	332662	27.69	ng/ul	0.00
13) 4-Methylphenol-d8	8.26	113	337951	27.79	ng/ul	0.00
19) Nitrobenzene-d5	8.70	128	156114	27.49	ng/ul	0.00
22) 2-Nitrophenol-d4	9.42	143	172277	28.53	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.95	165	343377	27.81	ng/ul	0.00
29) 4-Chloroaniline-d4	10.47	131	53335	3.72	ng/ul	0.00
44) Dimethylphthalate-d6	13.62	166	991295	28.63	ng/ul	0.00
47) Acenaphthylene-d8	13.89	160	1231585	29.69	ng/ul	0.00
52) 4-Nitrophenol-d4	14.40	143	173369	26.30	ng/ul	0.00
58) Fluorene-d10	15.20	176	908912	29.91	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.32	200	137498	23.83	ng/ul	0.00
71) Anthracene-d10	17.04	188	1405213	31.81	ng/ul	0.00
79) Pyrene-d10	19.34	212	1518509	31.93	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.15	264	1811518	31.62	ng/ul	0.00
Target Compounds						Qvalue
16) 4-Methylphenol	8.32	108	125228	9.700	ng/ul	85
45) Dimethylphthalate	13.66	163	99621	2.764	ng/ul	100
70) Phenanthrene	16.99	178	173089	3.110	ng/ul	98
77) Fluoranthene	19.00	202	509007	7.758	ng/ul	99
80) Pyrene	19.37	202	400127	6.017	ng/ul	98
83) Benzo(a)anthracene	21.12	228	174992	2.680	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.08	149	54769	1.394	ng/ul	98
85) Chrysene	21.17	228	292494	4.566	ng/ul	97
88) Benzo(b)fluoranthene	22.65	252	463351	6.636	ng/ul#	97
89) Benzo(k)fluoranthene	22.69	252	126257m	1.836	ng/ul	
91) Benzo(a)pyrene	23.19	252	255210	4.017	ng/ul#	95
92) Indeno(1,2,3-cd)pyrene	25.40	276	224790	2.679	ng/ul	96
94) Benzo(g,h,i)perylene	26.04	276	164072	2.372	ng/ul#	95

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

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