Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052820\
Data File : BM026165.D
Acq On : 28 May 2020 21:04
Operator : MA/SJ
Sample : L2785-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: May 29 01:58:00 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 28 11:12:05 2020
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : CB7D3

Manual Integrations APPROVED
mohammad
5/29/2020 10:30:00 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	179254	20.00	ng/ul	0.00
18) Naphthalene-d8	10.24	136	743183	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.12	164	430976	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.87	188	894023	20.00	ng/ul	0.00
78) Chrysene-d12	21.07	240	901823	20.00	ng/ul	0.00
86) Perylene-d12	23.19	264	949270	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.06	96	25510	4.29	ng/uL	0.00
5) Phenol-d5	6.67	99	488542	30.04	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.83	67	334472	29.73	ng/ul	0.00
9) 2-Chlorophenol-d4	7.02	132	368102	28.92	ng/ul	0.00
13) 4-Methylphenol-d8	8.19	113	374902	30.59	ng/ul	0.00
19) Nitrobenzene-d5	8.62	128	184864	30.51	ng/ul	0.00
22) 2-Nitrophenol-d4	9.34	143	194459	32.44	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.87	165	344657	28.64	ng/ul	0.00
29) 4-Chloroaniline-d4	10.39	131	467833	38.33	ng/ul	0.00
44) Dimethylphthalate-d6	13.55	166	1018703	29.48	ng/ul	0.00
47) Acenaphthylene-d8	13.81	160	1240309	30.29	ng/ul	0.00
52) 4-Nitrophenol-d4	14.34	143	163772	26.76	ng/ul	0.00
58) Fluorene-d10	15.13	176	898218	29.88	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.26	200	127445	24.45	ng/ul	0.00
71) Anthracene-d10	16.97	188	1319942	29.96	ng/ul	0.00
79) Pyrene-d10	19.27	212	1508350	32.56	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.06	264	1619086	32.04	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	6.64	77	19816	1.873	ng/ul	96
14) Acetophenone	8.30	105	21917	1.066	ng/ul	97
45) Dimethylphthalate	13.60	163	40651	1.120	ng/ul	98
70) Phenanthrene	16.92	178	487538	8.657	ng/ul	100
72) Anthracene	17.00	178	95060	1.682	ng/ul	99
77) Fluoranthene	18.94	202	800230	13.547	ng/ul	99
80) Pyrene	19.30	202	694833	10.975	ng/ul	97
83) Benzo(a)anthracene	21.06	228	389989	6.274	ng/ul	99
85) Chrysene	21.11	228	371412	6.011	ng/ul	98
88) Benzo(b)fluoranthene	22.57	252	527313	8.212	ng/ul	98
89) Benzo(k)fluoranthene	22.60	252	149476m	2.331	ng/ul	
91) Benzo(a)pyrene	23.10	252	335155	5.931	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.26	276	233123	3.179	ng/ul#	94
93) Dibenzo(a,h)anthracene	25.27	278	66953	1.078	ng/ul#	92
94) Benzo(g,h,i)perylene	25.90	276	172523	2.818	ng/ul	98

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

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