Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052820\
Data File : BM026168.D
Acq On : 28 May 2020 22:56
Operator : MA/SJ
Sample : L2785-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB7D7

Manual Integrations APPROVED
mohammad
5/29/2020 10:30:07 PM

Quant Time: May 29 02:39:50 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	154416	20.00	ng/ul	0.00
18) Naphthalene-d8	10.24	136	641086	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.12	164	378705	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.87	188	788260	20.00	ng/ul	0.00
78) Chrysene-d12	21.07	240	841366	20.00	ng/ul	0.00
86) Perylene-d12	23.19	264	890257	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.06	96	25534	4.99	ng/uL	0.00
5) Phenol-d5	6.67	99	492573	35.16	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.83	67	333753	34.44	ng/ul	0.00
9) 2-Chlorophenol-d4	7.02	132	372982	34.02	ng/ul	0.00
13) 4-Methylphenol-d8	8.19	113	375914	35.61	ng/ul	0.00
19) Nitrobenzene-d5	8.62	128	188200	36.01	ng/ul	0.00
22) 2-Nitrophenol-d4	9.34	143	196891	38.08	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.87	165	349932	33.71	ng/ul	0.00
29) 4-Chloroaniline-d4	10.39	131	482212	45.80	ng/ul	0.00
44) Dimethylphthalate-d6	13.55	166	1042363	34.32	ng/ul	0.00
47) Acenaphthylene-d8	13.81	160	1258585	34.98	ng/ul	0.00
52) 4-Nitrophenol-d4	14.34	143	175120	32.56	ng/ul	0.00
58) Fluorene-d10	15.13	176	912243	34.54	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.26	200	146504	31.88	ng/ul	0.00
71) Anthracene-d10	16.97	188	1375088	35.40	ng/ul	0.00
79) Pyrene-d10	19.27	212	1626162	37.63	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.06	264	1770900	37.37	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	6.64	77	10075	1.105	ng/ul	88
28) Naphthalene	10.29	128	40230	1.026	ng/ul#	95
45) Dimethylphthalate	13.59	163	147177	4.616	ng/ul	99
48) Acenaphthylene	13.84	152	44290	1.121	ng/ul	97
50) Acenaphthene	14.19	153	54251	1.947	ng/ul	96
54) Dibenzofuran	14.53	168	53398	1.364	ng/ul	98
59) Fluorene	15.18	166	60123	1.898	ng/ul	96
70) Phenanthrene	16.92	178	1238732	24.948	ng/ul	99
72) Anthracene	17.00	178	248741	4.993	ng/ul	99
75) Carbazole	17.28	167	119835	2.908	ng/ul	98
77) Fluoranthene	18.94	202	1972299	37.868	ng/ul	99
80) Pyrene	19.30	202	1697822	28.745	ng/ul	98
83) Benzo(a)anthracene	21.06	228	964740	16.636	ng/ul	98
85) Chrysene	21.11	228	916272	15.896	ng/ul	99
88) Benzo(b)fluoranthene	22.57	252	1266229	21.028	ng/ul	99
89) Benzo(k)fluoranthene	22.60	252	361305m	6.007	ng/ul	
91) Benzo(a)pyrene	23.10	252	795767	15.016	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.26	276	560851	8.155	ng/ul	93
93) Dibenzo(a,h)anthracene	25.27	278	159919	2.746	ng/ul#	82
94) Benzo(g,h,i)perylene	25.89	276	309721	5.395	ng/ul	96

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

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