Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030320\
Data File : BN010063.D
Acq On : 03 Mar 2020 15:52
Operator : CG/JU
Sample : L1507-20ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DBD18ME

Manual Integrations APPROVED
mohammad
3/4/2020 7:51:32 AM

Quant Time: Mar 03 16:25:17 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 03 12:28:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.36	152	60546	20.00	ng/ul	0.00
18) Naphthalene-d8	10.11	136	259996	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.00	164	159877	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.77	188	389225	20.00	ng/ul	0.00
78) Chrysene-d12	20.99	240	385413	20.00	ng/ul	0.00
86) Perylene-d12	23.09	264	413400	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.02	96	3146	2.14	ng/uL	0.00
5) Phenol-d5	6.58	99	78567	15.25	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.73	67	55922	15.74	ng/ul	0.00
9) 2-Chlorophenol-d4	6.91	132	60122	15.51	ng/ul	0.00
13) 4-Methylphenol-d8	8.09	113	61339	14.97	ng/ul	0.00
19) Nitrobenzene-d5	8.52	128	29235	15.37	ng/ul	0.00
22) 2-Nitrophenol-d4	9.23	143	33520	16.11	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.77	165	61731	15.43	ng/ul	0.01
29) 4-Chloroaniline-d4	10.27	131	86217	19.18	ng/ul	0.00
44) Dimethylphthalate-d6	13.43	166	183869	15.40	ng/ul	0.00
47) Acenaphthylene-d8	13.69	160	214863	15.28	ng/ul	0.00
52) 4-Nitrophenol-d4	14.28	143	19421	8.90	ng/ul	0.02
58) Fluorene-d10	15.01	176	177060	17.17	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.19	200	18281	7.56	ng/ul	0.01
71) Anthracene-d10	16.87	188	299368	16.78	ng/ul	0.00
79) Pyrene-d10	19.17	212	278562	13.83	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.96	264	330014	15.99	ng/ul	0.00
Target Compounds						Qvalue
34) 2-Methylnaphthalene	11.79	142	142542	14.642	ng/ul	97
48) Acenaphthylene	13.72	152	27972	1.837	ng/ul	94
50) Acenaphthene	14.07	153	1025150	98.235	ng/ul	95
54) Dibenzofuran	14.42	168	951326	64.948	ng/ul	99
59) Fluorene	15.07	166	759342	61.773	ng/ul	94
70) Phenanthrene	16.82	178	4145598	186.628	ng/ul	99
72) Anthracene	16.90	178	483387	21.287	ng/ul	98
75) Carbazole	17.18	167	110619	5.532	ng/ul	97
77) Fluoranthene	18.84	202	2554824	98.189	ng/ul	98
80) Pyrene	19.21	202	1585305	57.053	ng/ul	95
83) Benzo(a)anthracene	20.97	228	300564	11.348	ng/ul	97
85) Chrysene	21.03	228	244883	9.391	ng/ul	96
88) Benzo(b)fluoranthene	22.47	252	101991	3.805	ng/ul#	95
89) Benzo(k)fluoranthene	22.52	252	33668m	1.327	ng/ul	
91) Benzo(a)pyrene	23.00	252	37566	1.558	ng/ul#	91

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

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