Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020320\
Data File : BN009598.D
Acq On : 05 Feb 2020 12:38
Operator : CG/JU
Sample : L1271-06ME
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GASZ7ME

Manual Integrations APPROVED
mohammad
2/6/2020 8:12:35 AM

Quant Time: Feb 05 15:29:06 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 03 16:39:56 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	136398	20.00	ng/ul	0.00
18) Naphthalene-d8	10.19	136	547327	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.07	164	357770	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.83	188	695315	20.00	ng/ul	0.00
77) Chrysene-d12	21.04	240	615358	20.00	ng/ul	0.00
85) Perylene-d12	23.16	264	659617	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.08	96	10212	3.07	ng/uL	0.00
5) Phenol-d5	6.64	99	226234	19.02	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.79	67	156151	19.54	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	174331	19.91	ng/ul	0.00
13) 4-Methylphenol-d8	8.15	113	183272	19.35	ng/ul	-0.01
19) Nitrobenzene-d5	8.58	128	90081	22.13	ng/ul	0.00
22) 2-Nitrophenol-d4	9.29	143	101087	22.26	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.83	165	176240	20.71	ng/ul	0.00
29) 4-Chloroaniline-d4	10.34	131	266792	29.16	ng/ul	0.00
43) Dimethylphthalate-d6	13.50	166	546384	20.92	ng/ul	0.00
46) Acenaphthylene-d8	13.76	160	652618	20.68	ng/ul	0.00
51) 4-Nitrophenol-d4	14.31	143	86846	17.61	ng/ul	0.00
57) Fluorene-d10	15.08	176	476602	20.75	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.23	200	73171	16.85	ng/ul	0.01
70) Anthracene-d10	16.93	188	729050	23.08	ng/ul	0.00
78) Pyrene-d10	19.23	212	787002	24.33	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.03	264	795172	24.48	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.25	128	16261219	547.865	ng/ul	96
34) 2-Methylnaphthalene	11.89	142	15836554	762.429	ng/ul	100
40) 1,1'-Biphenyl	12.90	154	1182273	42.443	ng/ul	98
47) Acenaphthylene	13.80	152	3565809	103.253	ng/ul	98
49) Acenaphthene	14.14	153	350333	14.922	ng/ul	97
53) Dibenzofuran	14.48	168	457111	13.982	ng/ul	94
58) Fluorene	15.14	166	2118532	77.539	ng/ul	96
69) Phenanthrene	16.88	178	10129897	255.463	ng/ul	98
71) Anthracene	16.96	178	1062963	26.419	ng/ul	99
76) Fluoranthene	18.90	202	1960618	43.322	ng/ul	99
79) Pyrene	19.27	202	3090129	68.790	ng/ul	99
82) Benzo(a)anthracene	21.03	228	1019787	24.002	ng/ul#	89
84) Chrysene	21.08	228	898999	21.254	ng/ul	96
87) Benzo(b)fluoranthene	22.54	252	510244	12.364	ng/ul	95
88) Benzo(k)fluoranthene	22.57	252	176429m	4.341	ng/ul	
90) Benzo(a)pyrene	23.07	252	412659	10.792	ng/ul	96
91) Indeno(1,2,3-cd)pyrene	25.22	276	199765	4.394	ng/ul	98
92) Dibenzo(a,h)anthracene	25.21	278	72472	1.894	ng/ul#	91
93) Benzo(g,h,i)perylene	25.84	276	165093	4.333	ng/ul	97

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

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