Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020320\
Data File : BN009560.D
Acq On : 04 Feb 2020 12:38
Operator : CG/JU
Sample : L1271-06ME
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GASZ7ME

Manual Integrations APPROVED
mohammad
2/4/2020 6:15:33 PM

Quant Time: Feb 04 13:52:27 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	135197	20.00	ng/ul	0.00
18) Naphthalene-d8	10.19	136	563083	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.08	164	376546	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.83	188	752033	20.00	ng/ul	0.00
77) Chrysene-d12	21.05	240	724551	20.00	ng/ul	0.00
85) Perylene-d12	23.16	264	771509	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.08	96	10840	3.29	ng/uL	0.00
5) Phenol-d5	6.64	99	228443	19.37	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.79	67	161633	20.41	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	177084	20.40	ng/ul	0.00
13) 4-Methylphenol-d8	8.15	113	184310	19.63	ng/ul	0.00
19) Nitrobenzene-d5	8.58	128	94579	22.58	ng/ul	0.00
22) 2-Nitrophenol-d4	9.29	143	99193	21.23	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.83	165	182526	20.85	ng/ul	0.00
29) 4-Chloroaniline-d4	10.34	131	277926	29.53	ng/ul	0.00
43) Dimethylphthalate-d6	13.50	166	582697	21.20	ng/ul	0.00
46) Acenaphthylene-d8	13.77	160	718724	21.64	ng/ul	0.00
51) 4-Nitrophenol-d4	14.31	143	94438	18.19	ng/ul	0.00
57) Fluorene-d10	15.08	176	534933	22.13	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.23	200	78558	16.73	ng/ul	0.01
70) Anthracene-d10	16.93	188	832281	24.36	ng/ul	0.00
78) Pyrene-d10	19.24	212	945380	24.82	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.03	264	962049	25.33	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.26	128	15749946	515.791	ng/ul	98
34) 2-Methylnaphthalene	11.89	142	17992255	841.974	ng/ul	96
40) 1,1'-Biphenyl	12.90	154	1428633	48.729	ng/ul	99
47) Acenaphthylene	13.80	152	4367904	120.172	ng/ul	98
49) Acenaphthene	14.14	153	429520	17.383	ng/ul	98
53) Dibenzofuran	14.48	168	558715	16.238	ng/ul	97
58) Fluorene	15.14	166	2687367	93.454	ng/ul	97
64) N-Nitrosodiphenylamine	15.36	169	43224	1.923	ng/ul#	91
69) Phenanthrene	16.89	178	12570758	293.109	ng/ul	98
71) Anthracene	16.97	178	1274759	29.294	ng/ul	100
76) Fluoranthene	18.90	202	2559947	52.299	ng/ul	100
79) Pyrene	19.27	202	4019964	76.003	ng/ul	98
82) Benzo(a)anthracene	21.03	228	1386942m	27.724	ng/ul	
84) Chrysene	21.08	228	1204366	24.183	ng/ul	99
87) Benzo(b)fluoranthene	22.54	252	686302m	14.218	ng/ul	
88) Benzo(k)fluoranthene	22.57	252	236953m	4.985	ng/ul	
90) Benzo(a)pyrene	23.06	252	560637	12.536	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.21	276	266475	5.012	ng/ul	92
92) Dibenzo(a,h)anthracene	25.22	278	97197	2.172	ng/ul	96
93) Benzo(g,h,i)perylene	25.83	276	207550	4.658	ng/ul#	89

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

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