Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120319\
Data File : BF118067.D
Acq On : 3 Dec 2019 17:33
Operator : JU
Sample : K6069-01MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3MS

Manual Integrations APPROVED
mohammad
12/4/2019 5:01:31 PM

Quant Time: Dec 04 00:45:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 03 15:16:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	137358	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	525239	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	284172	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	524014	20.00	ng		0.00
76) Chrysene-d12	14.07	240	317814	20.00	ng		0.00
87) Perylene-d12	15.57	264	315733	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	883889	113.91	ng		0.01
7) Phenol-d6	6.51	99	1124199	120.11	ng		0.00
23) Nitrobenzene-d5	7.45	82	700273	79.26	ng		0.00
42) 2,4,6-Tribromophenol	10.72	330	377287	125.41	ng		0.00
45) 2-Fluorobiphenyl	9.25	172	1430532	90.31	ng		0.00
79) Terphenyl-d14	13.01	244	1605043	92.30	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.69	88	122543	33.784	ng		98
3) Pyridine	3.45	79	299972	31.527	ng		98
4) n-Nitrosodimethylamine	3.40	42	149070	35.891	ng		99
6) Aniline	6.54	93	171671	13.880	ng		97
8) 2-Chlorophenol	6.66	128	375896	44.642	ng		99
9) Benzaldehyde	6.42	77	140126	19.436	ng		95
10) Phenol	6.52	94	450936	46.364	ng		99
11) bis(2-Chloroethyl)ether	6.61	93	322736	41.321	ng		95
12) 1,3-Dichlorobenzene	6.82	146	410845	41.445	ng		97
13) 1,4-Dichlorobenzene	6.89	146	418372	41.753	ng		99
14) 1,2-Dichlorobenzene	7.05	146	394254	41.141	ng		99
15) Benzyl Alcohol	7.02	79	320245	44.318	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	393703	32.740	ng		98
17) 2-Methylphenol	7.13	107	303579	42.574	ng		97
18) Hexachloroethane	7.39	117	152659	41.473	ng		94
19) n-Nitroso-di-n-propylamine	7.29	70	239086	41.406	ng		96
20) 3+4-Methylphenols	7.28	107	377346	42.631	ng		94
22) Acetophenone	7.29	105	517920	43.890	ng	#	94
24) Nitrobenzene	7.46	77	376975	41.357	ng		95
25) Isophorone	7.70	82	673691	41.600	ng		98
26) 2-Nitrophenol	7.78	139	209282	47.172	ng		95
27) 2,4-Dimethylphenol	7.82	122	331742	48.121	ng		100
28) bis(2-Chloroethoxy)methane	7.91	93	414309	40.316	ng		99
29) 2,4-Dichlorophenol	8.02	162	322837	43.172	ng		98
30) 1,2,4-Trichlorobenzene	8.10	180	353379	40.741	ng		99
31) Naphthalene	8.19	128	1106232	45.178	ng		99
32) Benzoic acid	7.93	122	200870	34.799	ng		99
33) 4-Chloroaniline	8.23	127	59434	5.422	ng		97
34) Hexachlorobutadiene	8.30	225	209284	41.268	ng		98
35) Caprolactam	8.60	113	100490m	42.283	ng		
36) 4-Chloro-3-methylphenol	8.72	107	339001	44.670	ng		98
37) 2-Methylnaphthalene	8.88	142	757468	45.784	ng		99
38) 1-Methylnaphthalene	8.98	142	703880	45.002	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	338424	41.008	ng		98

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Quant Time: Dec 04 00:45:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 03 15:16:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	370434	80.098	ng		98
43) 2,4,6-Trichlorophenol	9.16	196	231861	39.225	ng		97
44) 2,4,5-Trichlorophenol	9.20	196	250011	40.736	ng		96
46) 1,1'-Biphenyl	9.35	154	913005	43.305	ng		99
47) 2-Chloronaphthalene	9.37	162	708607	40.856	ng		97
48) 2-Nitroaniline	9.47	65	195841	37.401	ng		95
49) Acenaphthylene	9.79	152	1128832	44.642	ng		99
50) Dimethylphthalate	9.65	163	961017	48.226	ng		100
51) 2,6-Dinitrotoluene	9.71	165	191660	44.007	ng		96
52) Acenaphthene	9.96	154	657134	40.567	ng		98
53) 3-Nitroaniline	9.87	138	57555	11.044	ng		97
54) 2,4-Dinitrophenol	9.99	184	148791	67.711	ng		98
55) Dibenzofuran	10.14	168	993431	44.288	ng		99
56) 4-Nitrophenol	10.05	139	291804	75.016	ng		99
57) 2,4-Dinitrotoluene	10.12	165	252227	45.528	ng	#	84
58) Fluorene	10.48	166	764912	44.005	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.26	232	198299	39.324	ng		100
60) Diethylphthalate	10.35	149	841038	43.290	ng		100
61) 4-Chlorophenyl-phenylether	10.47	204	384940	43.638	ng		98
62) 4-Nitroaniline	10.50	138	194102	37.199	ng		97
63) Azobenzene	10.63	77	735537	41.615	ng		98
65) 4,6-Dinitro-2-methylphenol	10.53	198	112913	46.157	ng		81
66) n-Nitrosodiphenylamine	10.59	169	683347	44.809	ng		99
67) 4-Bromophenyl-phenylether	10.96	248	243570	43.079	ng		97
68) Hexachlorobenzene	11.03	284	273928	41.549	ng		95
69) Atrazine	11.12	200	207199	41.302	ng		99
70) Pentachlorophenol	11.23	266	269541	69.978	ng		99
71) Phenanthrene	11.45	178	1139340	43.246	ng		99
72) Anthracene	11.50	178	1193445	45.689	ng		100
73) Carbazole	11.65	167	996437	43.653	ng		99
74) Di-n-butylphthalate	11.98	149	1302694	45.837	ng		99
75) Fluoranthene	12.64	202	1132657	47.655	ng		99
77) Benzidine	12.76	184	308072	29.593	ng		99
78) Pyrene	12.87	202	1126700	43.867	ng		99
80) Butylbenzylphthalate	13.49	149	505563	45.829	ng		98
81) Benzo(a)anthracene	14.06	228	885401	42.159	ng		99
82) 3,3'-Dichlorobenzidine	14.02	252	135742	18.478	ng		99
83) Chrysene	14.10	228	866452	42.576	ng		99
84) Bis(2-ethylhexyl)phthalate	14.05	149	680900	50.912	ng		100
85) Di-n-octyl phthalate	14.66	149	1026314	52.236	ng		99
86) Indeno(1,2,3-cd)pyrene	17.09	276	934912	53.978	ng		99
88) Benzo(b)fluoranthene	15.13	252	787353	38.383	ng		100
89) Benzo(k)fluoranthene	15.16	252	786760	40.705	ng		98
90) Benzo(a)pyrene	15.50	252	765229	42.423	ng		99
91) Dibenzo(a,h)anthracene	17.10	278	781560	50.339	ng		99
92) Benzo(g,h,i)perylene	17.54	276	793037	51.282	ng		100

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

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