Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080620\
Data File : BF121209.D
Acq On : 6 Aug 2020 18:43
Operator : JU/CG
Sample : L3553-02MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JB-1AMSD

Manual Integrations APPROVED
mohammad
8/7/2020 1:50:58 PM

Quant Time: Aug 06 19:15:34 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 29 14:55:43 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	150439	20.00	ng		-0.01
21) Naphthalene-d8	8.08	136	599235	20.00	ng		0.00
39) Acenaphthene-d10	9.84	164	313419	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	579405	20.00	ng		0.00
76) Chrysene-d12	13.97	240	328150	20.00	ng		0.00
86) Perylene-d12	15.42	264	407730	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	936311	102.03	ng		0.00
7) Phenol-d6	6.44	99	1166695	98.42	ng		0.00
23) Nitrobenzene-d5	7.36	82	793686	76.64	ng		-0.01
42) 2,4,6-Tribromophenol	10.63	330	330169	96.24	ng		0.00
45) 2-Fluorobiphenyl	9.16	172	1348515	64.24	ng		0.00
79) Terphenyl-d14	12.91	244	1201580	79.60	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.52	88	148387	35.134	ng		100
3) Pyridine	3.26	79	317974	28.302	ng		99
4) n-Nitrosodimethylamine	3.20	42	189287	39.400	ng		94
6) Aniline	6.46	93	386646	24.988	ng	#	46
8) 2-Chlorophenol	6.58	128	417462	41.295	ng		99
9) Benzaldehyde	6.35	77	275984	51.979	ng		98
10) Phenol	6.45	94	484146	37.129	ng		95
11) bis(2-Chloroethyl)ether	6.53	93	413996	41.427	ng		99
12) 1,3-Dichlorobenzene	6.73	146	413399	37.712	ng		98
13) 1,4-Dichlorobenzene	6.81	146	423192	38.824	ng		99
14) 1,2-Dichlorobenzene	6.96	146	407420	39.509	ng		99
15) Benzyl Alcohol	6.95	79	335354	40.004	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.07	45	536331	37.234	ng		92
17) 2-Methylphenol	7.06	107	322740	36.019	ng		99
18) Hexachloroethane	7.30	117	146426	37.114	ng		99
19) n-Nitroso-di-n-propylamine	7.22	70	256965	38.122	ng		98
20) 3+4-Methylphenols	7.22	107	391521	34.349	ng	#	79
22) Acetophenone	7.20	105	534372	39.734	ng		94
24) Nitrobenzene	7.38	77	417881	37.438	ng		99
25) Isophorone	7.62	82	756939	36.623	ng		98
26) 2-Nitrophenol	7.70	139	227298	42.877	ng		96
27) 2,4-Dimethylphenol	7.74	122	344467	40.022	ng		100
28) bis(2-Chloroethoxy)methane	7.83	93	486124	38.531	ng		100
29) 2,4-Dichlorophenol	7.95	162	352293	40.056	ng		100
30) 1,2,4-Trichlorobenzene	8.02	180	364790	37.385	ng		99
31) Naphthalene	8.10	128	1158564	37.692	ng		99
32) Benzoic acid	7.82	122	18126m	2.805	ng		
33) 4-Chloroaniline	8.16	127	288639	21.050	ng		99
34) Hexachlorobutadiene	8.22	225	203452	35.369	ng		100
35) Caprolactam	8.53	113	108649m	38.522	ng		
36) 4-Chloro-3-methylphenol	8.65	107	355996	39.467	ng		99
37) 2-Methylnaphthalene	8.79	142	785574	39.361	ng		99
38) 1-Methylnaphthalene	8.89	142	737136	38.997	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	361129	39.547	ng		99

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Quant Time: Aug 06 19:15:34 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 29 14:55:43 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	130962	25.949	ng		100
43) 2,4,6-Trichlorophenol	9.07	196	246055	38.269	ng		99
44) 2,4,5-Trichlorophenol	9.12	196	263916	36.187	ng		97
46) 1,1'-Biphenyl	9.26	154	930951	38.940	ng		100
47) 2-Chloronaphthalene	9.28	162	708429	36.345	ng		98
48) 2-Nitroaniline	9.39	65	233443	39.630	ng		95
49) Acenaphthylene	9.70	152	1156072	38.178	ng		100
50) Dimethylphthalate	9.56	163	1075530	47.566	ng		99
51) 2,6-Dinitrotoluene	9.63	165	187398	38.577	ng		99
52) Acenaphthene	9.87	154	803672m	41.745	ng		
53) 3-Nitroaniline	9.79	138	153304	25.162	ng		92
54) 2,4-Dinitrophenol	9.91	184	52461	23.992	ng		96
55) Dibenzofuran	10.05	168	1044688	37.525	ng		97
56) 4-Nitrophenol	9.97	139	304111	65.710	ng		98
57) 2,4-Dinitrotoluene	10.03	165	236311	37.043	ng	#	89
58) Fluorene	10.39	166	867198	41.765	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.16	232	221336	39.859	ng		99
60) Diethylphthalate	10.26	149	838480	36.662	ng		99
61) 4-Chlorophenyl-phenylether	10.37	204	355527	32.102	ng		100
62) 4-Nitroaniline	10.41	138	205495	34.626	ng		96
63) Azobenzene	10.54	77	766567	35.207	ng		95
65) 4,6-Dinitro-2-methylphenol	10.45	198	65405	21.785	ng		96
66) n-Nitrosodiphenylamine	10.50	169	696818	38.230	ng		99
67) 4-Bromophenyl-phenylether	10.87	248	237153	36.711	ng		96
68) Hexachlorobenzene	10.93	284	262580	37.576	ng	#	91
69) Atrazine	11.03	200	195182	43.239	ng		96
70) Pentachlorophenol	11.14	266	291653	72.854	ng		98
71) Phenanthrene	11.36	178	2402445	80.622	ng		99
72) Anthracene	11.40	178	1478178	49.400	ng		99
73) Carbazole	11.56	167	1102708	37.134	ng		100
74) Di-n-butylphthalate	11.89	149	1231884	35.948	ng		99
75) Fluoranthene	12.54	202	2341325	70.885	ng		98
77) Benzidine	12.66	184	315426	36.560	ng		98
78) Pyrene	12.77	202	2398338	103.375	ng		99
80) Butylbenzylphthalate	13.39	149	464413	44.904	ng		100
81) Benzo(a)anthracene	13.96	228	1494199	75.195	ng		98
82) 3,3'-Dichlorobenzidine	13.92	252	292443	39.009	ng		99
83) Chrysene	14.00	228	1406257	67.342	ng		99
84) Bis(2-ethylhexyl)phthalate	13.94	149	587232	46.045	ng	#	99
85) Di-n-octyl phthalate	14.56	149	981564	38.685	ng		100
87) Indeno(1,2,3-cd)pyrene	16.87	276	1234656	43.541	ng		99
88) Benzo(b)fluoranthene	15.00	252	1724746	69.981	ng		98
89) Benzo(k)fluoranthene	15.03	252	883593	39.311	ng		99
90) Benzo(a)pyrene	15.37	252	1365566	60.730	ng		98
91) Dibenzo(a,h)anthracene	16.88	278	795724	34.354	ng		99
92) Benzo(g,h,i)perylene	17.30	276	1046663	45.829	ng		100

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

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