Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010220\
Data File : BF118446.D
Acq On : 2 Jan 2020 20:15
Operator : JU
Sample : K6465-06MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GP-9-(8-10)MS

Manual Integrations APPROVED
mohammad
1/3/2020 11:04:31 AM

Quant Time: Jan 03 03:41:27 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 24 15:58:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	124935	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	505614	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	264149	20.00	ng		0.00
64) Phenanthrene-d10	11.39	188	441025	20.00	ng		0.00
76) Chrysene-d12	14.05	240	265249	20.00	ng		0.00
87) Perylene-d12	15.53	264	280452	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	820213	112.07	ng		0.01
7) Phenol-d6	6.49	99	1058323	116.56	ng		0.00
23) Nitrobenzene-d5	7.42	82	630421	71.31	ng		0.00
42) 2,4,6-Tribromophenol	10.70	330	320325	98.20	ng		0.00
45) 2-Fluorobiphenyl	9.22	172	1210911	69.98	ng		0.00
79) Terphenyl-d14	12.98	244	1024835	64.10	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.64	88	115476	39.689	ng		98
3) Pyridine	3.40	79	290570	37.484	ng		98
4) n-Nitrosodimethylamine	3.36	42	144686	45.144	ng		98
6) Aniline	6.51	93	348641	30.240	ng	#	45
8) 2-Chlorophenol	6.64	128	401412	48.425	ng		99
9) Benzaldehyde	6.40	77	213028	40.019	ng		98
10) Phenol	6.50	94	478028	46.843	ng		89
11) bis(2-Chloroethyl)ether	6.58	93	337440	46.236	ng		99
12) 1,3-Dichlorobenzene	6.79	146	421851	44.188	ng		99
13) 1,4-Dichlorobenzene	6.86	146	431940	44.544	ng		99
14) 1,2-Dichlorobenzene	7.02	146	409680	44.750	ng		99
15) Benzyl Alcohol	7.00	79	318380	46.055	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.12	45	345090	44.312	ng		70
17) 2-Methylphenol	7.11	107	312707	47.034	ng		96
18) Hexachloroethane	7.36	117	147582	41.469	ng		97
19) n-Nitroso-di-n-propylamine	7.26	70	252931	45.221	ng		97
20) 3+4-Methylphenols	7.27	107	404344	47.519	ng	#	78
22) Acetophenone	7.26	105	527861	42.597	ng		97
24) Nitrobenzene	7.43	77	393005	44.380	ng		99
25) Isophorone	7.67	82	687033	44.594	ng		99
26) 2-Nitrophenol	7.75	139	212496	45.304	ng		97
27) 2,4-Dimethylphenol	7.79	122	343858	53.731	ng		99
28) bis(2-Chloroethoxy)methane	7.88	93	436544	43.326	ng		99
29) 2,4-Dichlorophenol	8.00	162	334502	45.412	ng		98
30) 1,2,4-Trichlorobenzene	8.07	180	369595	43.074	ng		96
31) Naphthalene	8.16	128	1174952	45.720	ng		100
32) Benzoic acid	7.95	122	196287	37.703	ng		99
33) 4-Chloroaniline	8.21	127	151534	13.755	ng		98
34) Hexachlorobutadiene	8.27	225	211092	41.329	ng		100
35) Caprolactam	8.59	113	108982m	47.391	ng		
36) 4-Chloro-3-methylphenol	8.71	107	358683	45.355	ng		99
37) 2-Methylnaphthalene	8.85	142	805433	45.777	ng		99
38) 1-Methylnaphthalene	8.95	142	753884	45.478	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	354566	44.675	ng		98

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 24 15:58:52 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	83945	31.319	ng		98
43) 2,4,6-Trichlorophenol	9.14	196	236839	44.668	ng		99
44) 2,4,5-Trichlorophenol	9.19	196	247280	45.336	ng		98
46) 1,1'-Biphenyl	9.32	154	962950	46.090	ng		99
47) 2-Chloronaphthalene	9.35	162	735509	43.741	ng		98
48) 2-Nitroaniline	9.45	65	201152	42.352	ng		99
49) Acenaphthylene	9.76	152	1140646	45.738	ng		100
50) Dimethylphthalate	9.62	163	946399	47.730	ng		99
51) 2,6-Dinitrotoluene	9.69	165	192202	44.962	ng		96
52) Acenaphthene	9.93	154	679829	44.754	ng		99
53) 3-Nitroaniline	9.86	138	121971	24.310	ng		91
54) 2,4-Dinitrophenol	9.98	184	42105	23.453	ng		99
55) Dibenzofuran	10.10	168	1034674	46.098	ng		97
56) 4-Nitrophenol	10.04	139	243532	78.625	ng		96
57) 2,4-Dinitrotoluene	10.10	165	243829	42.687	ng	#	78
58) Fluorene	10.45	166	805939	44.480	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	189641	40.920	ng		99
60) Diethylphthalate	10.32	149	881445	44.935	ng		100
61) 4-Chlorophenyl-phenylether	10.44	204	399701	44.190	ng		95
62) 4-Nitroaniline	10.48	138	177250	34.006	ng		97
63) Azobenzene	10.60	77	748425	44.544	ng		97
65) 4,6-Dinitro-2-methylphenol	10.52	198	45401	19.083	ng		95
66) n-Nitrosodiphenylamine	10.56	169	706508	49.984	ng		99
67) 4-Bromophenyl-phenylether	10.93	248	245940	47.651	ng		94
68) Hexachlorobenzene	11.00	284	271412	44.675	ng		98
69) Atrazine	11.09	200	232867	53.380	ng		97
70) Pentachlorophenol	11.20	266	181736	69.073	ng		99
71) Phenanthrene	11.42	178	1170259	48.675	ng		99
72) Anthracene	11.47	178	1133379	47.097	ng		99
73) Carbazole	11.63	167	924664	43.302	ng		99
74) Di-n-butylphthalate	11.95	149	1314936	48.565	ng		99
75) Fluoranthene	12.62	202	1110358	45.761	ng		99
77) Benzidine	12.73	184	430506	59.233	ng		97
78) Pyrene	12.85	202	1058204	48.854	ng		99
80) Butylbenzylphthalate	13.45	149	442339	45.355	ng		99
81) Benzo(a)anthracene	14.04	228	905867	48.790	ng		98
82) 3,3'-Dichlorobenzidine	14.00	252	293949	46.695	ng		98
83) Chrysene	14.07	228	832646	46.836	ng		100
84) Bis(2-ethylhexyl)phthalate	14.01	149	636241	49.612	ng		98
85) Di-n-octyl phthalate	14.62	149	1032241	54.720	ng		99
86) Indeno(1,2,3-cd)pyrene	17.05	276	742913	49.044	ng		99
88) Benzo(b)fluoranthene	15.10	252	851483	45.738	ng		99
89) Benzo(k)fluoranthene	15.13	252	841525	47.078	ng		99
90) Benzo(a)pyrene	15.47	252	763622	46.564	ng		99
91) Dibenzo(a,h)anthracene	17.06	278	620800	43.622	ng		98
92) Benzo(g,h,i)perylene	17.50	276	579044	42.121	ng		99

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

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