Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120419\
Data File : BF118104.D
Acq On : 4 Dec 2019 23:34
Operator : JU
Sample : K5675-11MSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-112619MSD

Manual Integrations APPROVED
mohammad
12/5/2019 10:50:52 AM

Quant Time: Dec 05 03:10:55 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	6.88	152	176513	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	626492	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	313067	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	761661	20.00	ng	0.00
76) Chrysene-d12	14.07	240	530686	20.00	ng	0.00
87) Perylene-d12	15.57	264	483531	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	1067974	107.10	ng	0.02
7) Phenol-d6	6.52	99	1307718	108.73	ng	0.00
23) Nitrobenzene-d5	7.45	82	781147	74.12	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	433874	130.91	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1617827	92.71	ng	0.00
79) Terphenyl-d14	13.01	244	1859225	64.03	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.79	88	127717	27.400	ng	# 84
3) Pyridine	3.52	79	240361	19.658	ng	98
4) n-Nitrosodimethylamine	3.45	42	156851	29.387	ng	93
6) Aniline	6.54	93	308969	19.439	ng	98
8) 2-Chlorophenol	6.67	128	370786	34.267	ng	94
9) Benzaldehyde	6.43	77	86419	7.235	ng	97
10) Phenol	6.53	94	482177	38.579	ng	99
11) bis(2-Chloroethyl)ether	6.62	93	349212	34.793	ng	97
12) 1,3-Dichlorobenzene	6.82	146	406328	31.897	ng	97
13) 1,4-Dichlorobenzene	6.90	146	420765	32.677	ng	96
14) 1,2-Dichlorobenzene	7.05	146	394827	32.061	ng	98
15) Benzyl Alcohol	7.02	79	349018	37.586	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	402609	26.054	ng	98
17) 2-Methylphenol	7.13	107	322858	35.234	ng	99
18) Hexachloroethane	7.39	117	146258	30.920	ng	93
19) n-Nitroso-di-n-propylamine	7.29	70	251436	33.886	ng	95
20) 3+4-Methylphenols	7.29	107	409273	35.981	ng	91
22) Acetophenone	7.29	105	546442	38.823	ng	# 93
24) Nitrobenzene	7.46	77	383457	35.269	ng	93
25) Isophorone	7.70	82	732906	37.943	ng	98
26) 2-Nitrophenol	7.78	139	227325	42.958	ng	95
27) 2,4-Dimethylphenol	7.82	122	359964	43.776	ng	98
28) bis(2-Chloroethoxy)methane	7.91	93	389686	31.792	ng	99
29) 2,4-Dichlorophenol	8.02	162	308592	34.598	ng	99
30) 1,2,4-Trichlorobenzene	8.10	180	329107	31.810	ng	98
31) Naphthalene	8.19	128	1131143	38.729	ng	99
32) Benzoic acid	7.94	122	198052	28.765	ng	99
33) 4-Chloroaniline	8.23	127	264298	20.214	ng	98
34) Hexachlorobutadiene	8.30	225	206671	34.166	ng	97
35) Caprolactam	8.60	113	109924m	38.777	ng	
36) 4-Chloro-3-methylphenol	8.72	107	382621	42.269	ng	94
37) 2-Methylnaphthalene	8.88	142	833628	42.244	ng	98
38) 1-Methylnaphthalene	8.98	142	775547	41.570	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	373405	41.071	ng	100

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 03 15:16:53 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	345197	67.752	ng		99
43) 2,4,6-Trichlorophenol	9.16	196	252299	38.743	ng		98
44) 2,4,5-Trichlorophenol	9.20	196	287823	42.569	ng		96
46) 1,1'-Biphenyl	9.35	154	1012189	43.579	ng		99
47) 2-Chloronaphthalene	9.37	162	790718	41.383	ng		96
48) 2-Nitroaniline	9.47	65	232653	40.331	ng		98
49) Acenaphthylene	9.79	152	1057588	37.964	ng		99
50) Dimethylphthalate	9.65	163	955046	43.503	ng		99
51) 2,6-Dinitrotoluene	9.71	165	182551	38.047	ng		94
52) Acenaphthene	9.96	154	610603	34.216	ng		98
53) 3-Nitroaniline	9.88	138	159048	27.703	ng		97
54) 2,4-Dinitrophenol	9.99	184	158076	65.554	ng		96
55) Dibenzofuran	10.13	168	936747	37.907	ng		99
56) 4-Nitrophenol	10.05	139	288127	67.234	ng		93
57) 2,4-Dinitrotoluene	10.12	165	244174	40.006	ng		98
58) Fluorene	10.48	166	756171	39.487	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.26	232	198949	35.811	ng		99
60) Diethylphthalate	10.35	149	788091	36.821	ng		100
61) 4-Chlorophenyl-phenylether	10.47	204	362306	37.281	ng		97
62) 4-Nitroaniline	10.50	138	214151	37.254	ng		98
63) Azobenzene	10.63	77	698793	35.887	ng		95
65) 4,6-Dinitro-2-methylphenol	10.53	198	119581	33.631	ng		97
66) n-Nitrosodiphenylamine	10.59	169	686628	30.976	ng		100
67) 4-Bromophenyl-phenylether	10.96	248	279933	34.062	ng		97
68) Hexachlorobenzene	11.03	284	324245	33.836	ng		94
69) Atrazine	11.12	200	191634	26.281	ng		99
70) Pentachlorophenol	11.23	266	341467	60.991	ng		99
71) Phenanthrene	11.45	178	1406933	36.740	ng		99
72) Anthracene	11.50	178	1295179	34.113	ng		99
73) Carbazole	11.66	167	1291830	38.936	ng		99
74) Di-n-butylphthalate	11.98	149	1511367	36.587	ng		99
75) Fluoranthene	12.64	202	1204939	32.456	ng		99
77) Benzidine	12.76	184	7625	0.439	ng	#	95
78) Pyrene	12.87	202	1231858	28.723	ng		100
80) Butylbenzylphthalate	13.49	149	659165	35.785	ng		98
81) Benzo(a)anthracene	14.06	228	1212159	34.565	ng		100
82) 3,3'-Dichlorobenzidine	14.02	252	402036	32.774	ng		100
83) Chrysene	14.10	228	1018913	29.984	ng		99
84) Bis(2-ethylhexyl)phthalate	14.04	149	892847	39.981	ng		100
85) Di-n-octyl phthalate	14.66	149	1371383	41.801	ng		100
86) Indeno(1,2,3-cd)pyrene	17.09	276	1134616	39.231	ng		98
88) Benzo(b)fluoranthene	15.13	252	909105	28.938	ng		99
89) Benzo(k)fluoranthene	15.16	252	815989	27.567	ng		99
90) Benzo(a)pyrene	15.51	252	986658	35.717	ng		99
91) Dibenzo(a,h)anthracene	17.10	278	943181	39.668	ng		98
92) Benzo(g,h,i)perylene	17.55	276	708662	29.923	ng		99

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

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