Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120319\
Data File : BF118064.D
Acq On : 3 Dec 2019 16:09
Operator : JU
Sample : K5675-11MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-112619MS

Manual Integrations APPROVED
mohammad
12/4/2019 5:01:26 PM

Quant Time: Dec 03 16:57:29 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	137995	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	534100	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	284214	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	540009	20.00	ng	0.00
76) Chrysene-d12	14.07	240	357913	20.00	ng	0.00
87) Perylene-d12	15.57	264	346241	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	812613	104.24	ng	0.02
7) Phenol-d6	6.51	99	1002115	106.57	ng	0.00
23) Nitrobenzene-d5	7.45	82	625368	69.60	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	355754	118.23	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1278356	80.69	ng	0.00
79) Terphenyl-d14	13.02	244	1552866	79.29	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.79	88	101954	27.978	ng	# 83
3) Pyridine	3.52	79	178189	18.641	ng	99
4) n-Nitrosodimethylamine	3.45	42	128348	30.759	ng	98
6) Aniline	6.54	93	243432	19.591	ng	100
8) 2-Chlorophenol	6.67	128	316021	37.358	ng	97
9) Benzaldehyde	6.43	77	75030	8.412	ng	98
10) Phenol	6.52	94	359953	36.838	ng	95
11) bis(2-Chloroethyl)ether	6.62	93	272814	34.768	ng	97
12) 1,3-Dichlorobenzene	6.82	146	318235	31.954	ng	98
13) 1,4-Dichlorobenzene	6.90	146	331471	32.928	ng	98
14) 1,2-Dichlorobenzene	7.05	146	312444	32.453	ng	99
15) Benzyl Alcohol	7.02	79	272022	37.471	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	321639	26.624	ng	99
17) 2-Methylphenol	7.13	107	256418	35.794	ng	99
18) Hexachloroethane	7.39	117	118565	32.062	ng	99
19) n-Nitroso-di-n-propylamine	7.29	70	202889	34.975	ng	96
20) 3+4-Methylphenols	7.29	107	320910	36.088	ng	91
22) Acetophenone	7.29	105	432884	36.075	ng	# 93
24) Nitrobenzene	7.46	77	317087	34.210	ng	97
25) Isophorone	7.70	82	558940	33.942	ng	99
26) 2-Nitrophenol	7.78	139	174761	38.738	ng	98
27) 2,4-Dimethylphenol	7.82	122	273887	39.070	ng	98
28) bis(2-Chloroethoxy)methane	7.91	93	352776	33.759	ng	99
29) 2,4-Dichlorophenol	8.02	162	272189	35.795	ng	99
30) 1,2,4-Trichlorobenzene	8.10	180	286650	32.499	ng	99
31) Naphthalene	8.19	128	950191	38.162	ng	99
32) Benzoic acid	7.93	122	168128	28.643	ng	96
33) 4-Chloroaniline	8.23	127	219756	19.715	ng	96
34) Hexachlorobutadiene	8.30	225	167045	32.393	ng	99
35) Caprolactam	8.60	113	78919m	32.656	ng	
36) 4-Chloro-3-methylphenol	8.72	107	291168	37.730	ng	99
37) 2-Methylnaphthalene	8.88	142	637821	37.912	ng	98
38) 1-Methylnaphthalene	8.98	142	595026	37.411	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	285508	34.591	ng	99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	273553	59.141	ng		98
43) 2,4,6-Trichlorophenol	9.16	196	201804	34.135	ng		98
44) 2,4,5-Trichlorophenol	9.20	196	216858	35.329	ng		97
46) 1,1'-Biphenyl	9.35	154	773259	36.672	ng		99
47) 2-Chloronaphthalene	9.37	162	599635	34.568	ng		97
48) 2-Nitroaniline	9.47	65	172623	32.962	ng		98
49) Acenaphthylene	9.79	152	955914	37.798	ng		99
50) Dimethylphthalate	9.65	163	710576	35.653	ng		99
51) 2,6-Dinitrotoluene	9.71	165	160670	36.886	ng		96
52) Acenaphthene	9.96	154	559541	34.538	ng		100
53) 3-Nitroaniline	9.88	138	128441	24.643	ng		95
54) 2,4-Dinitrophenol	9.99	184	121398	56.568	ng		98
55) Dibenzofuran	10.14	168	859273	38.302	ng		98
56) 4-Nitrophenol	10.05	139	261668	67.259	ng		99
57) 2,4-Dinitrotoluene	10.12	165	215440	38.882	ng	#	84
58) Fluorene	10.48	166	664296	38.211	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.26	232	177298	35.154	ng		99
60) Diethylphthalate	10.35	149	709692	36.524	ng		100
61) 4-Chlorophenyl-phenylether	10.47	204	325859	36.935	ng		98
62) 4-Nitroaniline	10.50	138	162096	31.061	ng		97
63) Azobenzene	10.63	77	616499	34.875	ng		98
65) 4,6-Dinitro-2-methylphenol	10.53	198	94244	37.384	ng		79
66) n-Nitrosodiphenylamine	10.59	169	590470	37.572	ng		100
67) 4-Bromophenyl-phenylether	10.96	248	205381	35.249	ng		98
68) Hexachlorobenzene	11.03	284	235269	34.628	ng		98
69) Atrazine	11.12	200	149632	28.944	ng		100
70) Pentachlorophenol	11.23	266	254719	64.172	ng		99
71) Phenanthrene	11.45	178	1011739	37.265	ng		100
72) Anthracene	11.50	178	1043122	38.751	ng		100
73) Carbazole	11.65	167	888474	37.771	ng		100
74) Di-n-butylphthalate	11.98	149	1121079	38.278	ng		99
75) Fluoranthene	12.64	202	1025979	40.795	ng		100
77) Benzidine	12.77	184	1456	0.124	ng	#	60
78) Pyrene	12.87	202	1026624	35.493	ng		100
80) Butylbenzylphthalate	13.49	149	459333	36.974	ng		99
81) Benzo(a)anthracene	14.06	228	845499	35.748	ng		99
82) 3,3'-Dichlorobenzidine	14.02	252	257469	31.121	ng		100
83) Chrysene	14.10	228	826839	36.078	ng		99
84) Bis(2-ethylhexyl)phthalate	14.04	149	633622	42.069	ng		99
85) Di-n-octyl phthalate	14.66	149	961104	43.437	ng		100
86) Indeno(1,2,3-cd)pyrene	17.09	276	821827	42.133	ng		100
88) Benzo(b)fluoranthene	15.13	252	795828	35.377	ng		99
89) Benzo(k)fluoranthene	15.16	252	701392	33.091	ng		99
90) Benzo(a)pyrene	15.51	252	696509	35.211	ng		98
91) Dibenzo(a,h)anthracene	17.10	278	686550	40.324	ng		100
92) Benzo(g,h,i)perylene	17.55	276	688889	40.622	ng		97

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

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