Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032219\
Data File : BF113233.D
Acq On : 22 Mar 2019 14:31
Operator : JU/SJ
Sample : K2040-01MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S4B(2-10)MS

Manual Integrations APPROVED
Sohil
3/25/2019 6:32:38 PM

Quant Time: Mar 23 00:03:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 13 03:42:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	152772	20.00	ng		-0.02
21) Naphthalene-d8	8.00	136	558059	20.00	ng		-0.02
39) Acenaphthene-d10	9.75	164	277616	20.00	ng		-0.02
64) Phenanthrene-d10	11.23	188	559533	20.00	ng		-0.01
76) Chrysene-d12	13.87	240	425220	20.00	ng		0.00
87) Perylene-d12	15.27	264	388631	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	1037491	105.64	ng		0.00
7) Phenol-d6	6.37	99	1325264	107.42	ng		0.00
23) Nitrobenzene-d5	7.28	82	828175	88.80	ng		-0.02
42) 2,4,6-Tribromophenol	10.55	330	460295	156.18	ng		0.00
45) 2-Fluorobiphenyl	9.08	172	1528660	93.78	ng		-0.01
79) Terphenyl-d14	12.82	244	1965936	89.62	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.41	88	152279	30.932	ng		97
3) Pyridine	3.13	79	401707	30.500	ng		99
4) n-Nitrosodimethylamine	3.06	42	205772	35.715	ng		99
6) Aniline	6.38	93	375113	22.089	ng	#	33
8) 2-Chlorophenol	6.51	128	422898	38.682	ng		95
9) Benzaldehyde	6.26	77	111615	12.556	ng		97
10) Phenol	6.39	94	479510	33.308	ng		91
11) bis(2-Chloroethyl)ether	6.46	93	410099	37.113	ng		96
12) 1,3-Dichlorobenzene	6.66	146	442443	39.176	ng		98
13) 1,4-Dichlorobenzene	6.73	146	451569	39.870	ng		98
14) 1,2-Dichlorobenzene	6.89	146	416102	40.076	ng		99
15) Benzyl Alcohol	6.87	79	348983	37.097	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	638248	34.611	ng		83
17) 2-Methylphenol	6.99	107	338266	38.140	ng		94
18) Hexachloroethane	7.23	117	153168	35.304	ng		95
19) n-Nitroso-di-n-propylamine	7.14	70	286283	36.640	ng		99
20) 3+4-Methylphenols	7.14	107	422878	42.232	ng	#	72
22) Acetophenone	7.13	105	574367	44.016	ng	#	91
24) Nitrobenzene	7.30	77	417872	40.257	ng		97
25) Isophorone	7.55	82	768155	38.232	ng		98
26) 2-Nitrophenol	7.62	139	241552	55.902	ng		96
27) 2,4-Dimethylphenol	7.67	122	360658	44.865	ng		98
28) bis(2-Chloroethoxy)methane	7.75	93	525924	41.867	ng		100
29) 2,4-Dichlorophenol	7.87	162	368773	47.305	ng		95
30) 1,2,4-Trichlorobenzene	7.95	180	391320	46.718	ng		99
31) Naphthalene	8.02	128	1183835	42.728	ng		100
32) Benzoic acid	7.77	122	77181	13.699	ng		90
33) 4-Chloroaniline	8.07	127	227717	19.405	ng		98
34) Hexachlorobutadiene	8.15	225	219087	46.378	ng		99
35) Caprolactam	8.45	113	108609m	39.557	ng		
36) 4-Chloro-3-methylphenol	8.57	107	355392	41.194	ng		93
37) 2-Methylnaphthalene	8.72	142	770081	43.039	ng		99
38) 1-Methylnaphthalene	8.81	142	718377	41.448	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	356656	44.056	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	366648	82.706	ng		98
43) 2,4,6-Trichlorophenol	9.00	196	254385	45.657	ng		99
44) 2,4,5-Trichlorophenol	9.05	196	270281	44.881	ng		96
46) 1,1'-Biphenyl	9.18	154	982583	43.393	ng		98
47) 2-Chloronaphthalene	9.20	162	757171	42.824	ng		98
48) 2-Nitroaniline	9.30	65	245925	45.760	ng		96
49) Acenaphthylene	9.62	152	1234697	41.134	ng		99
50) Dimethylphthalate	9.48	163	1073795	52.457	ng		100
51) 2,6-Dinitrotoluene	9.55	165	208956	49.020	ng	#	74
52) Acenaphthene	9.79	154	709469	40.418	ng		99
53) 3-Nitroaniline	9.71	138	166933	32.139	ng		98
54) 2,4-Dinitrophenol	9.82	184	181704	102.257	ng		93
55) Dibenzofuran	9.96	168	1082418	42.428	ng		99
56) 4-Nitrophenol	9.89	139	322446	76.384	ng		98
57) 2,4-Dinitrotoluene	9.95	165	270287	51.011	ng		88
58) Fluorene	10.30	166	816625	45.099	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.09	232	252786	50.382	ng		92
60) Diethylphthalate	10.18	149	934975	43.247	ng		99
61) 4-Chlorophenyl-phenylether	10.29	204	418916	49.725	ng		94
62) 4-Nitroaniline	10.33	138	228111	47.526	ng		98
63) Azobenzene	10.45	77	853784	38.556	ng		96
65) 4,6-Dinitro-2-methylphenol	10.36	198	133811	57.222	ng	#	72
66) n-Nitrosodiphenylamine	10.42	169	772060	43.024	ng		100
67) 4-Bromophenyl-phenylether	10.78	248	275096	46.677	ng		93
68) Hexachlorobenzene	10.85	284	317721	47.824	ng		94
69) Atrazine	10.95	200	245886	44.740	ng		98
70) Pentachlorophenol	11.05	266	313410	80.151	ng		98
71) Phenanthrene	11.26	178	1210787	43.493	ng		100
72) Anthracene	11.31	178	1249007	42.860	ng		99
73) Carbazole	11.47	167	1182904	41.611	ng		99
74) Di-n-butylphthalate	11.80	149	1565498	45.928	ng		100
75) Fluoranthene	12.44	202	1391951	46.669	ng		97
77) Benzidine	12.56	184	471831	21.387	ng		98
78) Pyrene	12.67	202	1411532	39.376	ng		100
80) Butylbenzylphthalate	13.29	149	751827	47.515	ng		88
81) Benzo(a)anthracene	13.86	228	1078243	36.587	ng		99
82) 3,3'-Dichlorobenzidine	13.82	252	293990	26.377	ng		99
83) Chrysene	13.89	228	1075803	37.267	ng		99
84) Bis(2-ethylhexyl)phthalate	13.85	149	918698	49.500	ng		100
85) Di-n-octyl phthalate	14.46	149	1551323	48.678	ng		97
86) Indeno(1,2,3-cd)pyrene	16.65	276	1196455	48.616	ng		94
88) Benzo(b)fluoranthene	14.88	252	1073044m	42.687	ng		
89) Benzo(k)fluoranthene	14.90	252	901299	39.583	ng		98
90) Benzo(a)pyrene	15.22	252	942671	42.396	ng	#	96
91) Dibenzo(a,h)anthracene	16.66	278	987377	52.040	ng		97
92) Benzo(g,h,i)perylene	17.06	276	1050032	55.115	ng		95

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

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