Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051019\
Data File : BF114132.D
Acq On : 10 May 2019 20:34
Operator : JU/SJ
Sample : K2762-02MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P021-SS001-0002-01MS

Manual Integrations APPROVED
Sohil
5/13/2019 8:34:24 PM

Quant Time: May 11 04:27:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 10 15:56:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	357643	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	1304320	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	547755	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	1047719	20.00	ng		0.00
76) Chrysene-d12	14.01	240	731489	20.00	ng		-0.01
87) Perylene-d12	15.48	264	650801	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	1903312	85.64	ng		0.00
7) Phenol-d6	6.49	99	2448277	93.14	ng		0.00
23) Nitrobenzene-d5	7.42	82	1471294	63.30	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	514497	90.85	ng		0.00
45) 2-Fluorobiphenyl	9.21	172	2104665	58.12	ng		0.00
79) Terphenyl-d14	12.95	244	1984035	55.91	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.63	88	282223	23.104	ng		99
3) Pyridine	3.39	79	751425	22.326	ng		99
4) n-Nitrosodimethylamine	3.32	42	436854	26.916	ng		95
6) Aniline	6.52	93	405220	10.672	ng	#	83
8) 2-Chlorophenol	6.65	128	757688	31.936	ng		94
9) Benzaldehyde	6.40	77	333451	18.121	ng		99
10) Phenol	6.51	94	939908	30.397	ng		89
11) bis(2-Chloroethyl)ether	6.59	93	818194	34.854	ng		98
12) 1,3-Dichlorobenzene	6.80	146	761354	28.588	ng		99
13) 1,4-Dichlorobenzene	6.87	146	769150	28.661	ng		99
14) 1,2-Dichlorobenzene	7.03	146	728879	29.728	ng		99
15) Benzyl Alcohol	6.99	79	658170	32.105	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1364748	29.984	ng		99
17) 2-Methylphenol	7.11	107	599160	30.743	ng		99
18) Hexachloroethane	7.37	117	237390	23.566	ng		95
19) n-Nitroso-di-n-propylamine	7.26	70	505491	30.340	ng		98
20) 3+4-Methylphenols	7.26	107	704867	31.303	ng		94
22) Acetophenone	7.26	105	988105	34.196	ng		98
24) Nitrobenzene	7.43	77	787329	33.260	ng		96
25) Isophorone	7.67	82	1385717	32.148	ng		98
26) 2-Nitrophenol	7.75	139	384382	33.469	ng		96
27) 2,4-Dimethylphenol	7.79	122	620849	34.420	ng		99
28) bis(2-Chloroethoxy)methane	7.88	93	895410	32.016	ng		99
29) 2,4-Dichlorophenol	7.99	162	571450	31.816	ng		98
30) 1,2,4-Trichlorobenzene	8.07	180	622240	30.466	ng		98
31) Naphthalene	8.16	128	1990845	32.676	ng		99
32) Benzoic acid	7.89	122	184677	19.279	ng		99
33) 4-Chloroaniline	8.20	127	339428	12.225	ng		99
34) Hexachlorobutadiene	8.27	225	332477	28.610	ng		98
35) Caprolactam	8.56	113	190365	32.504	ng		99
36) 4-Chloro-3-methylphenol	8.69	107	586333	32.431	ng		98
37) 2-Methylnaphthalene	8.85	142	1292184	32.872	ng		97
38) 1-Methylnaphthalene	8.95	142	1208607	32.649	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	578905	34.889	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	103185	16.951	ng		98
43) 2,4,6-Trichlorophenol	9.12	196	391714	34.322	ng		98
44) 2,4,5-Trichlorophenol	9.17	196	391831	33.477	ng		99
46) 1,1'-Biphenyl	9.31	154	1505079	34.012	ng		99
47) 2-Chloronaphthalene	9.33	162	1145086	32.154	ng		98
48) 2-Nitroaniline	9.43	65	410734	32.520	ng		95
49) Acenaphthylene	9.75	152	1756425	32.427	ng		99
50) Dimethylphthalate	9.60	163	1721239	42.806	ng		98
51) 2,6-Dinitrotoluene	9.67	165	286390	32.111	ng		87
52) Acenaphthene	9.92	154	1069573	32.179	ng		99
53) 3-Nitroaniline	9.83	138	236070	21.323	ng		98
54) 2,4-Dinitrophenol	9.95	184	74330	21.922	ng		93
55) Dibenzofuran	10.09	168	1562917	32.067	ng		96
56) 4-Nitrophenol	10.00	139	458413	58.550	ng		92
57) 2,4-Dinitrotoluene	10.07	165	361003	29.822	ng		94
58) Fluorene	10.43	166	1215961	32.300	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.21	232	343132	33.977	ng		98
60) Diethylphthalate	10.30	149	1400328	34.275	ng		100
61) 4-Chlorophenyl-phenylether	10.43	204	612634	33.133	ng		97
62) 4-Nitroaniline	10.45	138	279771	24.048	ng		95
63) Azobenzene	10.59	77	1293700	32.713	ng		97
65) 4,6-Dinitro-2-methylphenol	10.48	198	64146	12.741	ng		92
66) n-Nitrosodiphenylamine	10.54	169	1124670	35.369	ng		99
67) 4-Bromophenyl-phenylether	10.92	248	374057	32.426	ng		95
68) Hexachlorobenzene	10.99	284	400439	31.378	ng		96
69) Atrazine	11.07	200	317907	32.126	ng		99
70) Pentachlorophenol	11.18	266	421707	69.708	ng		99
71) Phenanthrene	11.40	178	1708743	33.523	ng		98
72) Anthracene	11.45	178	1742101	34.027	ng		100
73) Carbazole	11.60	167	1648934	33.775	ng		98
74) Di-n-butylphthalate	11.93	149	1958593	34.821	ng		99
75) Fluoranthene	12.58	202	1907394	34.749	ng		97
77) Benzidine	12.71	184	1645m	0.050	ng		
78) Pyrene	12.81	202	1955450	33.231	ng		100
80) Butylbenzylphthalate	13.42	149	852353	34.413	ng		94
81) Benzo(a)anthracene	14.00	228	1498556	31.674	ng		100
82) 3,3'-Dichlorobenzidine	13.96	252	171386	9.338	ng	#	98
83) Chrysene	14.03	228	1512067	32.602	ng		99
84) Bis(2-ethylhexyl)phthalate	13.99	149	1091971	33.709	ng		99
85) Di-n-octyl phthalate	14.60	149	1804635	34.366	ng		100
86) Indeno(1,2,3-cd)pyrene	16.95	276	1218053	29.716	ng		98
88) Benzo(b)fluoranthene	15.05	252	1454784	34.892	ng		99
89) Benzo(k)fluoranthene	15.08	252	1142736	29.836	ng		98
90) Benzo(a)pyrene	15.42	252	1191500	32.471	ng		99
91) Dibenzo(a,h)anthracene	16.96	278	1028524	33.732	ng		98
92) Benzo(g,h,i)perylene	17.39	276	1024080	33.514	ng		99

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

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