Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072619\
Data File : BF115795.D
Acq On : 26 Jul 2019 19:10
Operator : HP/JU
Sample : K3614-02MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-03-072419MS

Manual Integrations APPROVED
mohammad
7/29/2019 5:29:02 PM

Quant Time: Jul 27 00:23:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 25 13:16:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	140762	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	554909	20.00	ng		0.00
39) Acenaphthene-d10	9.91	164	308999	20.00	ng		0.00
64) Phenanthrene-d10	11.39	188	558852	20.00	ng		0.00
76) Chrysene-d12	14.03	240	405898	20.00	ng		0.00
87) Perylene-d12	15.50	264	403715	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	1035755	120.36	ng		0.02
7) Phenol-d6	6.51	99	1261639	115.54	ng		0.00
23) Nitrobenzene-d5	7.43	82	967063	101.33	ng		0.00
42) 2,4,6-Tribromophenol	10.70	330	444620	123.27	ng		0.00
45) 2-Fluorobiphenyl	9.23	172	1721527	97.51	ng		0.00
79) Terphenyl-d14	12.98	244	1993585	90.63	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.82	88	161717	37.673	ng	#	85
3) Pyridine	3.54	79	358313	30.766	ng		97
4) n-Nitrosodimethylamine	3.47	42	194015	45.921	ng		100
6) Aniline	6.53	93	180962	11.909	ng	#	76
8) 2-Chlorophenol	6.66	128	434743	43.940	ng		96
9) Benzaldehyde	6.42	77	247098	36.212	ng		99
10) Phenol	6.52	94	457486	36.091	ng		93
11) bis(2-Chloroethyl)ether	6.61	93	433060	44.872	ng		96
12) 1,3-Dichlorobenzene	6.82	146	441430	39.683	ng		99
13) 1,4-Dichlorobenzene	6.89	146	450334	40.574	ng		99
14) 1,2-Dichlorobenzene	7.05	146	416924	41.093	ng		99
15) Benzyl Alcohol	7.02	79	371258	42.860	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.15	45	571386	44.971	ng		93
17) 2-Methylphenol	7.13	107	377977	44.330	ng		98
18) Hexachloroethane	7.39	117	160703	39.009	ng		94
19) n-Nitroso-di-n-propylamine	7.29	70	314668	44.185	ng		99
20) 3+4-Methylphenols	7.28	107	433490	42.802	ng	#	86
22) Acetophenone	7.28	105	612725	48.876	ng		97
24) Nitrobenzene	7.45	77	498241	48.405	ng		95
25) Isophorone	7.69	82	919815	48.167	ng		99
26) 2-Nitrophenol	7.77	139	241928	45.663	ng		98
27) 2,4-Dimethylphenol	7.80	122	406705	51.305	ng		100
28) bis(2-Chloroethoxy)methane	7.90	93	569627	48.623	ng		100
29) 2,4-Dichlorophenol	8.01	162	398047	48.281	ng		97
30) 1,2,4-Trichlorobenzene	8.09	180	416568	44.700	ng		98
31) Naphthalene	8.17	128	1285821	47.846	ng		100
32) Benzoic acid	7.92	122	141558	21.759	ng		98
33) 4-Chloroaniline	8.22	127	112044	9.412	ng		98
34) Hexachlorobutadiene	8.29	225	231133	43.250	ng		98
35) Caprolactam	8.59	113	92481m	36.301	ng		
36) 4-Chloro-3-methylphenol	8.71	107	422880	49.449	ng		99
37) 2-Methylnaphthalene	8.87	142	889732	49.945	ng		99
38) 1-Methylnaphthalene	8.96	142	839914	49.638	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	402118	43.215	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	279945	52.741	ng		100
43) 2,4,6-Trichlorophenol	9.15	196	281258	41.333	ng		100
44) 2,4,5-Trichlorophenol	9.19	196	305388	43.822	ng		96
46) 1,1'-Biphenyl	9.33	154	1098140	45.458	ng		99
47) 2-Chloronaphthalene	9.36	162	862850	42.897	ng		99
48) 2-Nitroaniline	9.45	65	279944	44.966	ng		99
49) Acenaphthylene	9.77	152	1333849	44.753	ng		99
50) Dimethylphthalate	9.63	163	1066602	45.879	ng		99
51) 2,6-Dinitrotoluene	9.69	165	231987	43.910	ng		98
52) Acenaphthene	9.95	154	810474	42.119	ng		98
53) 3-Nitroaniline	9.86	138	90653	15.015	ng		96
54) 2,4-Dinitrophenol	9.97	184	119790	44.162	ng		97
55) Dibenzofuran	10.12	168	1202345	43.999	ng		100
56) 4-Nitrophenol	10.03	139	355058	77.121	ng		96
57) 2,4-Dinitrotoluene	10.10	165	309836	45.266	ng		95
58) Fluorene	10.46	166	917324	46.957	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.24	232	262817	45.115	ng		99
60) Diethylphthalate	10.33	149	1023983	47.009	ng		99
61) 4-Chlorophenyl-phenylether	10.45	204	461963	42.642	ng		98
62) 4-Nitroaniline	10.47	138	250480	43.251	ng		99
63) Azobenzene	10.61	77	1028918	48.699	ng		100
65) 4,6-Dinitro-2-methylphenol	10.51	198	108622	31.813	ng		96
66) n-Nitrosodiphenylamine	10.57	169	849894	48.890	ng		99
67) 4-Bromophenyl-phenylether	10.94	248	296699	46.458	ng		98
68) Hexachlorobenzene	11.01	284	325709	44.659	ng	#	91
69) Atrazine	11.09	200	278957	48.915	ng		99
70) Pentachlorophenol	11.20	266	334952	75.090	ng		98
71) Phenanthrene	11.42	178	1400234	48.880	ng		100
72) Anthracene	11.47	178	1446906	48.874	ng		100
73) Carbazole	11.62	167	1316975	50.729	ng		100
74) Di-n-butylphthalate	11.95	149	1654056	51.724	ng		100
75) Fluoranthene	12.61	202	1490824	49.248	ng		100
77) Benzidine	12.72	184	373117	25.949	ng		98
78) Pyrene	12.84	202	1494669	43.463	ng		100
80) Butylbenzylphthalate	13.44	149	747315	50.977	ng		100
81) Benzo(a)anthracene	14.02	228	1263367	47.245	ng		100
82) 3,3'-Dichlorobenzidine	13.98	252	228343	24.021	ng		97
83) Chrysene	14.06	228	1238096	46.122	ng		100
84) Bis(2-ethylhexyl)phthalate	14.00	149	1052477	57.959	ng		100
85) Di-n-octyl phthalate	14.62	149	1712537	59.273	ng		100
86) Indeno(1,2,3-cd)pyrene	16.99	276	1237867	54.278	ng		99
88) Benzo(b)fluoranthene	15.07	252	1114510	42.872	ng		99
89) Benzo(k)fluoranthene	15.10	252	1133228	48.895	ng		99
90) Benzo(a)pyrene	15.44	252	1068230	47.810	ng		99
91) Dibenzo(a,h)anthracene	17.00	278	1041913	53.118	ng		100
92) Benzo(g,h,i)perylene	17.43	276	1005245	51.386	ng		98

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

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