Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053119\
Data File : BF114703.D
Acq On : 31 May 2019 12:59
Operator : HP/JU
Sample : K2971-15MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUP-2A-C-4-052019MS

Manual Integrations APPROVED
mohammad
6/3/2019 8:49:21 AM

Quant Time: Jun 01 00:44:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 19:08:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	335551	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	1288633	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	639890	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	1273853	20.00	ng	0.00
76) Chrysene-d12	13.83	240	795122	20.00	ng	0.01
87) Perylene-d12	15.22	264	986557	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	2491892	130.38	ng	0.02
7) Phenol-d6	6.34	99	3137657	136.24	ng	0.01
23) Nitrobenzene-d5	7.26	82	1932246	93.55	ng	0.00
42) 2,4,6-Tribromophenol	10.51	330	881852	144.63	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	3324817	100.53	ng	0.00
79) Terphenyl-d14	12.78	244	3684376	87.12	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.40	88	375701	40.964	ng	97
3) Pyridine	3.09	79	1095955	41.059	ng	99
4) n-Nitrosodimethylamine	3.02	42	465696	43.114	ng	97
6) Aniline	6.36	93	453562	13.038	ng	100
8) 2-Chlorophenol	6.49	128	1070814	48.515	ng	99
9) Benzaldehyde	6.24	77	562221	45.252	ng	94
10) Phenol	6.35	94	1238294	44.508	ng	97
11) bis(2-Chloroethyl)ether	6.44	93	970726	45.615	ng	98
12) 1,3-Dichlorobenzene	6.64	146	1143375	45.469	ng	99
13) 1,4-Dichlorobenzene	6.72	146	1151050	45.628	ng	99
14) 1,2-Dichlorobenzene	6.87	146	1064592	46.353	ng	99
15) Benzyl Alcohol	6.84	79	876557	48.386	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.98	45	1373393	42.077	ng	98
17) 2-Methylphenol	6.96	107	895552	47.972	ng	99
18) Hexachloroethane	7.21	117	421252	44.104	ng	99
19) n-Nitroso-di-n-propylamine	7.12	70	693629	43.633	ng	99
20) 3+4-Methylphenols	7.11	107	1012673	46.123	ng	97
22) Acetophenone	7.11	105	1383075	50.373	ng	99
24) Nitrobenzene	7.28	77	1077282	49.100	ng	93
25) Isophorone	7.52	82	1964472	47.392	ng	99
26) 2-Nitrophenol	7.60	139	589164	55.165	ng	93
27) 2,4-Dimethylphenol	7.64	122	939332	52.884	ng	99
28) bis(2-Chloroethoxy)methane	7.73	93	1255360	47.575	ng	99
29) 2,4-Dichlorophenol	7.84	162	928640	51.365	ng	99
30) 1,2,4-Trichlorobenzene	7.92	180	1011146	49.090	ng	99
31) Naphthalene	8.00	128	2878869	48.501	ng	100
32) Benzoic acid	7.71	122	71758m	6.220	ng	
33) 4-Chloroaniline	8.05	127	190438	6.734	ng	95
34) Hexachlorobutadiene	8.13	225	536854	46.917	ng	100
35) Caprolactam	8.42	113	303501m	49.744	ng	
36) 4-Chloro-3-methylphenol	8.54	107	961249	53.017	ng	100
37) 2-Methylnaphthalene	8.69	142	2022189	51.275	ng	99
38) 1-Methylnaphthalene	8.79	142	1926906	51.569	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	841260	49.368	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	1010897	89.771	ng		99
43) 2,4,6-Trichlorophenol	8.97	196	680627	50.762	ng		100
44) 2,4,5-Trichlorophenol	9.00	196	695494	51.980	ng		97
46) 1,1'-Biphenyl	9.16	154	2352554	49.528	ng		98
47) 2-Chloronaphthalene	9.17	162	1919104	49.254	ng		98
48) 2-Nitroaniline	9.27	65	586402	48.769	ng		91
49) Acenaphthylene	9.59	152	2917365	48.466	ng		100
50) Dimethylphthalate	9.46	163	2524779	56.624	ng		99
51) 2,6-Dinitrotoluene	9.51	165	548962	52.985	ng		94
52) Acenaphthene	9.76	154	1895350	51.343	ng		100
53) 3-Nitroaniline	9.67	138	233571	18.420	ng		96
54) 2,4-Dinitrophenol	9.78	184	302660	74.059	ng		91
55) Dibenzofuran	9.93	168	2549320	48.514	ng		99
56) 4-Nitrophenol	9.85	139	929905	98.958	ng		93
57) 2,4-Dinitrotoluene	9.92	165	728921	54.819	ng		89
58) Fluorene	10.27	166	1814466	55.367	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.05	232	568432	51.902	ng		100
60) Diethylphthalate	10.16	149	2221042	48.771	ng		99
61) 4-Chlorophenyl-phenylether	10.27	204	888407	53.118	ng		97
62) 4-Nitroaniline	10.29	138	603186	48.816	ng		93
63) Azobenzene	10.43	77	1991968	47.642	ng		96
65) 4,6-Dinitro-2-methylphenol	10.32	198	249433	44.160	ng		80
66) n-Nitrosodiphenylamine	10.39	169	1857099	49.343	ng		100
67) 4-Bromophenyl-phenylether	10.75	248	650587	47.626	ng		96
68) Hexachlorobenzene	10.82	284	696163	47.051	ng		97
69) Atrazine	10.92	200	624746	58.095	ng		99
70) Pentachlorophenol	11.01	266	701143	82.207	ng		98
71) Phenanthrene	11.23	178	2942492	45.282	ng		100
72) Anthracene	11.28	178	3020857	45.932	ng		98
73) Carbazole	11.43	167	2834314	49.036	ng		99
74) Di-n-butylphthalate	11.77	149	3215095	46.428	ng		99
75) Fluoranthene	12.40	202	3162876	47.006	ng		99
77) Benzidine	12.52	184	552883	16.886	ng	#	91
78) Pyrene	12.63	202	3214477	47.791	ng		98
80) Butylbenzylphthalate	13.26	149	1598685	47.294	ng		96
81) Benzo(a)anthracene	13.82	228	2844796	46.558	ng		99
82) 3,3'-Dichlorobenzidine	13.77	252	410288	17.387	ng		98
83) Chrysene	13.86	228	2805801	48.062	ng		99
84) Bis(2-ethylhexyl)phthalate	13.83	149	1932771	46.249	ng		99
85) Di-n-octyl phthalate	14.44	149	3509794	48.338	ng		98
86) Indeno(1,2,3-cd)pyrene	16.56	276	2863461	48.974	ng		99
88) Benzo(b)fluoranthene	14.84	252	3054766	49.162	ng		100
89) Benzo(k)fluoranthene	14.87	252	2532386	46.889	ng		99
90) Benzo(a)pyrene	15.17	252	2668488	48.885	ng		98
91) Dibenzo(a,h)anthracene	16.58	278	2329303	48.290	ng		99
92) Benzo(g,h,i)perylene	16.96	276	2413470	51.552	ng		99

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

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