Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080619\
Data File : BF116014.D
Acq On : 6 Aug 2019 15:42
Operator : HP/JU
Sample : K4135-16MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1S-B1-B4-COMP-(30)MSD

Manual Integrations APPROVED
mohammad
8/7/2019 4:41:59 PM

Quant Time: Aug 07 03:54:25 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 31 15:31:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	138422	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	526267	20.00	ng		-0.01
39) Acenaphthene-d10	9.88	164	278059	20.00	ng		-0.02
64) Phenanthrene-d10	11.36	188	467904	20.00	ng		-0.02
76) Chrysene-d12	14.01	240	293185	20.00	ng		-0.02
87) Perylene-d12	15.47	264	385901	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	965968	116.82	ng		0.00
7) Phenol-d6	6.49	99	1283157	123.00	ng		0.00
23) Nitrobenzene-d5	7.41	82	823897	90.37	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	336153	124.69	ng		-0.01
45) 2-Fluorobiphenyl	9.20	172	1355863	91.33	ng		-0.02
79) Terphenyl-d14	12.95	244	1360221	97.76	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.63	88	130328	31.200	ng		100
3) Pyridine	3.40	79	344498	29.523	ng		100
4) n-Nitrosodimethylamine	3.33	42	163570	35.521	ng		99
6) Aniline	6.51	93	449037	30.055	ng		98
8) 2-Chlorophenol	6.63	128	364501	39.865	ng		99
9) Benzaldehyde	6.39	77	200627	27.872	ng		95
10) Phenol	6.50	94	484655	39.450	ng		92
11) bis(2-Chloroethyl)ether	6.58	93	355954	39.410	ng		98
12) 1,3-Dichlorobenzene	6.79	146	389634	36.873	ng		99
13) 1,4-Dichlorobenzene	6.86	146	396292	37.455	ng		98
14) 1,2-Dichlorobenzene	7.02	146	366325	37.601	ng		99
15) Benzyl Alcohol	6.99	79	320114	40.433	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	475817	38.622	ng		92
17) 2-Methylphenol	7.10	107	316485	40.878	ng		98
18) Hexachloroethane	7.36	117	145249	37.287	ng		96
19) n-Nitroso-di-n-propylamine	7.26	70	255921	39.588	ng		98
20) 3+4-Methylphenols	7.25	107	379487	41.420	ng	#	80
22) Acetophenone	7.25	105	504586	43.718	ng		99
24) Nitrobenzene	7.43	77	408125	41.458	ng		95
25) Isophorone	7.66	82	739053	42.393	ng		100
26) 2-Nitrophenol	7.74	139	203319	43.815	ng		96
27) 2,4-Dimethylphenol	7.78	122	333472	47.765	ng		99
28) bis(2-Chloroethoxy)methane	7.87	93	450804	41.720	ng		99
29) 2,4-Dichlorophenol	7.99	162	321204	43.574	ng		98
30) 1,2,4-Trichlorobenzene	8.07	180	341326	40.620	ng		99
31) Naphthalene	8.15	128	1064733	42.994	ng		100
32) Benzoic acid	7.89	122	83313	16.926	ng		99
33) 4-Chloroaniline	8.19	127	323499	29.236	ng		98
34) Hexachlorobutadiene	8.26	225	193085	39.894	ng		99
35) Caprolactam	8.56	113	96006m	40.269	ng		
36) 4-Chloro-3-methylphenol	8.68	107	339001	44.206	ng		96
37) 2-Methylnaphthalene	8.84	142	715363	43.861	ng		99
38) 1-Methylnaphthalene	8.93	142	667772	43.278	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	324765	43.689	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	166947	52.245	ng		100
43) 2,4,6-Trichlorophenol	9.12	196	212133	41.459	ng		99
44) 2,4,5-Trichlorophenol	9.16	196	226665	42.855	ng		99
46) 1,1'-Biphenyl	9.30	154	868391	44.236	ng		99
47) 2-Chloronaphthalene	9.33	162	685286	41.943	ng		99
48) 2-Nitroaniline	9.42	65	222493	41.198	ng		90
49) Acenaphthylene	9.74	152	1052226	44.143	ng		99
50) Dimethylphthalate	9.60	163	934557	49.362	ng		100
51) 2,6-Dinitrotoluene	9.66	165	182751	44.417	ng		91
52) Acenaphthene	9.92	154	666319	45.565	ng		100
53) 3-Nitroaniline	9.83	138	161760	31.818	ng		93
54) 2,4-Dinitrophenol	9.95	184	75461	40.351	ng		93
55) Dibenzofuran	10.09	168	958190	45.057	ng		99
56) 4-Nitrophenol	10.01	139	276663	84.951	ng		93
57) 2,4-Dinitrotoluene	10.07	165	236050	43.091	ng		98
58) Fluorene	10.43	166	764816	46.744	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.21	232	186842	41.989	ng		98
60) Diethylphthalate	10.30	149	791108	44.756	ng		100
61) 4-Chlorophenyl-phenylether	10.42	204	360046	43.450	ng		100
62) 4-Nitroaniline	10.45	138	206030	39.215	ng		98
63) Azobenzene	10.57	77	805124	44.284	ng		99
65) 4,6-Dinitro-2-methylphenol	10.49	198	81514	32.874	ng		97
66) n-Nitrosodiphenylamine	10.53	169	652325	46.319	ng		99
67) 4-Bromophenyl-phenylether	10.90	248	220426	44.007	ng		99
68) Hexachlorobenzene	10.98	284	244070	42.139	ng		98
69) Atrazine	11.06	200	204851	44.214	ng		99
70) Pentachlorophenol	11.18	266	194877	69.302	ng		98
71) Phenanthrene	11.39	178	1667078	69.693	ng		99
72) Anthracene	11.45	178	1240613	51.247	ng		99
73) Carbazole	11.60	167	985979	44.893	ng		99
74) Di-n-butylphthalate	11.92	149	1199563	46.820	ng		100
75) Fluoranthene	12.59	202	1839569	73.459	ng		97
77) Benzidine	12.70	184	570791	57.626	ng		97
78) Pyrene	12.82	202	1735532	78.528	ng		99
80) Butylbenzylphthalate	13.42	149	457908	48.981	ng		96
81) Benzo(a)anthracene	14.00	228	1236047	65.960	ng		99
82) 3,3'-Dichlorobenzidine	13.95	252	254425	39.080	ng	#	98
83) Chrysene	14.03	228	1110568	61.044	ng		99
84) Bis(2-ethylhexyl)phthalate	13.97	149	632911	52.098	ng		99
85) Di-n-octyl phthalate	14.59	149	1036434	53.712	ng		100
86) Indeno(1,2,3-cd)pyrene	16.96	276	1326379	86.804	ng		100
88) Benzo(b)fluoranthene	15.05	252	1312619m	58.827	ng		
89) Benzo(k)fluoranthene	15.08	252	1008567	46.406	ng		99
90) Benzo(a)pyrene	15.42	252	1189049	59.612	ng		99
91) Dibenzo(a,h)anthracene	16.96	278	939389	54.408	ng		98
92) Benzo(g,h,i)perylene	17.39	276	1121911	66.164	ng		99

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

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