Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032919\
Data File : BF113417.D
Acq On : 29 Mar 2019 16:59
Operator : JU/SJ
Sample : K2139-01MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S7B(2-10)COMPMS

Manual Integrations APPROVED
Sohil
4/1/2019 5:46:31 PM

Quant Time: Mar 30 01:38:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 26 03:32:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	152813	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	598493	20.00	ng		0.00
39) Acenaphthene-d10	9.73	164	301193	20.00	ng		0.00
64) Phenanthrene-d10	11.21	188	619374	20.00	ng		0.00
76) Chrysene-d12	13.84	240	528832	20.00	ng		0.00
87) Perylene-d12	15.24	264	527929	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	892738	95.52	ng		0.00
7) Phenol-d6	6.35	99	1157161	97.88	ng		0.00
23) Nitrobenzene-d5	7.27	82	706093	70.03	ng		0.00
42) 2,4,6-Tribromophenol	10.52	330	359024	96.50	ng		0.00
45) 2-Fluorobiphenyl	9.06	172	1316326	64.18	ng		0.00
79) Terphenyl-d14	12.79	244	1538155	64.11	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.38	88	125848	26.541	ng		97
3) Pyridine	3.10	79	284250	24.317	ng		95
4) n-Nitrosodimethylamine	3.02	42	146759	28.241	ng		89
6) Aniline	6.36	93	421004	29.241	ng		100
8) 2-Chlorophenol	6.49	128	342718	31.579	ng		96
9) Benzaldehyde	6.25	77	275885	34.774	ng		97
10) Phenol	6.36	94	441117	32.682	ng		96
11) bis(2-Chloroethyl)ether	6.44	93	321120	31.037	ng		100
12) 1,3-Dichlorobenzene	6.65	146	359367	30.719	ng		97
13) 1,4-Dichlorobenzene	6.72	146	363867	32.214	ng		98
14) 1,2-Dichlorobenzene	6.87	146	341846	30.763	ng		96
15) Benzyl Alcohol	6.85	79	268072	34.370	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.98	45	510278	32.831	ng		91
17) 2-Methylphenol	6.97	107	284355	33.433	ng		97
18) Hexachloroethane	7.21	117	128322	31.630	ng		96
19) n-Nitroso-di-n-propylamine	7.12	70	230900	31.092	ng		98
20) 3+4-Methylphenols	7.13	107	357714	34.943	ng		93
22) Acetophenone	7.12	105	463417	33.953	ng	#	97
24) Nitrobenzene	7.29	77	358124	34.035	ng		98
25) Isophorone	7.53	82	648944	33.209	ng		99
26) 2-Nitrophenol	7.60	139	185282	33.313	ng		93
27) 2,4-Dimethylphenol	7.65	122	312682	39.082	ng		99
28) bis(2-Chloroethoxy)methane	7.74	93	414799	33.707	ng		99
29) 2,4-Dichlorophenol	7.85	162	302135	34.848	ng		99
30) 1,2,4-Trichlorobenzene	7.93	180	311707	33.323	ng		97
31) Naphthalene	8.00	128	994779	34.013	ng		99
32) Benzoic acid	7.75	122	47243	7.336	ng		98
33) 4-Chloroaniline	8.06	127	355561	31.177	ng		99
34) Hexachlorobutadiene	8.13	225	180090	32.392	ng		99
35) Caprolactam	8.42	113	94496m	33.960	ng		
36) 4-Chloro-3-methylphenol	8.55	107	305303	35.010	ng		99
37) 2-Methylnaphthalene	8.70	142	670772	36.756	ng		99
38) 1-Methylnaphthalene	8.80	142	627452	35.746	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.87	216	310852	32.152	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	235607	57.573	ng		100
43) 2,4,6-Trichlorophenol	8.98	196	206877	32.859	ng		99
44) 2,4,5-Trichlorophenol	9.03	196	218462	31.354	ng		97
46) 1,1'-Biphenyl	9.16	154	825178	32.803	ng		98
47) 2-Chloronaphthalene	9.19	162	628821	32.466	ng		97
48) 2-Nitroaniline	9.28	65	203341	33.454	ng		98
49) Acenaphthylene	9.60	152	1031218	32.928	ng		100
50) Dimethylphthalate	9.46	163	829688	37.171	ng		100
51) 2,6-Dinitrotoluene	9.52	165	166944	33.153	ng		98
52) Acenaphthene	9.77	154	586116	33.234	ng		100
53) 3-Nitroaniline	9.69	138	170061	29.948	ng		94
54) 2,4-Dinitrophenol	9.81	184	71145	28.407	ng	#	88
55) Dibenzofuran	9.94	168	894757	33.748	ng		99
56) 4-Nitrophenol	9.87	139	227930	56.300	ng		88
57) 2,4-Dinitrotoluene	9.93	165	219065	34.209	ng		97
58) Fluorene	10.28	166	690961	33.547	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.06	232	184768	31.358	ng		99
60) Diethylphthalate	10.16	149	731077	33.388	ng		99
61) 4-Chlorophenyl-phenylether	10.27	204	342359	34.105	ng		90
62) 4-Nitroaniline	10.30	138	206630	35.341	ng		97
63) Azobenzene	10.43	77	689177	33.436	ng		98
65) 4,6-Dinitro-2-methylphenol	10.34	198	63801	18.830	ng		90
66) n-Nitrosodiphenylamine	10.39	169	633995	33.358	ng		99
67) 4-Bromophenyl-phenylether	10.76	248	218477	32.364	ng		98
68) Hexachlorobenzene	10.83	284	257049	32.804	ng		98
69) Atrazine	10.92	200	199235	33.212	ng		98
70) Pentachlorophenol	11.03	266	191910	47.008	ng		99
71) Phenanthrene	11.24	178	1044247	33.950	ng		99
72) Anthracene	11.29	178	1109111	35.500	ng		100
73) Carbazole	11.45	167	1063764	35.683	ng		99
74) Di-n-butylphthalate	11.77	149	1195601	34.584	ng		100
75) Fluoranthene	12.42	202	1202836	34.592	ng		99
77) Benzidine	12.54	184	759093	37.483	ng		97
78) Pyrene	12.64	202	1219675	33.282	ng		99
80) Butylbenzylphthalate	13.26	149	537603	33.287	ng		98
81) Benzo(a)anthracene	13.83	228	978467	32.323	ng		100
82) 3,3'-Dichlorobenzidine	13.79	252	326607	26.895	ng		98
83) Chrysene	13.87	228	1029929	33.497	ng		99
84) Bis(2-ethylhexyl)phthalate	13.83	149	667215	33.700	ng	#	99
85) Di-n-octyl phthalate	14.43	149	1194506	35.543	ng		100
86) Indeno(1,2,3-cd)pyrene	16.60	276	1145870	43.424	ng		98
88) Benzo(b)fluoranthene	14.85	252	1064954	32.473	ng		99
89) Benzo(k)fluoranthene	14.87	252	902435	31.335	ng		98
90) Benzo(a)pyrene	15.19	252	967525	33.278	ng		100
91) Dibenzo(a,h)anthracene	16.62	278	960836	38.221	ng		100
92) Benzo(g,h,i)perylene	17.01	276	993211	39.184	ng		99

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

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