Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032619\
Data File : BF113291.D
Acq On : 26 Mar 2019 14:53
Operator : JU/SJ
Sample : K2081-14MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S3A(22-28)-S3B(27)COMPMS

Manual Integrations APPROVED
Sohil
3/27/2019 3:17:39 PM

Quant Time: Mar 27 06:54:36 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	151956	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	628455	20.00	ng		0.00
39) Acenaphthene-d10	9.73	164	303892	20.00	ng		0.00
64) Phenanthrene-d10	11.22	188	633233	20.00	ng		0.00
76) Chrysene-d12	13.84	240	476071	20.00	ng		0.00
87) Perylene-d12	15.24	264	453451	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	1156883	124.49	ng		0.01
7) Phenol-d6	6.36	99	1410120	119.94	ng		0.00
23) Nitrobenzene-d5	7.27	82	910350	85.98	ng		0.00
42) 2,4,6-Tribromophenol	10.53	330	490945	130.79	ng		0.00
45) 2-Fluorobiphenyl	9.06	172	1723913	89.94	ng		0.00
79) Terphenyl-d14	12.79	244	1966469	91.05	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.40	88	157634	33.432	ng		99
3) Pyridine	3.12	79	383970	33.033	ng		97
4) n-Nitrosodimethylamine	3.04	42	188561	36.490	ng		96
6) Aniline	6.37	93	338321	23.631	ng	#	52
8) 2-Chlorophenol	6.49	128	395311	36.630	ng		100
9) Benzaldehyde	6.25	77	93157	11.808	ng		99
10) Phenol	6.37	94	510006	37.999	ng		86
11) bis(2-Chloroethyl)ether	6.45	93	387268	37.642	ng		98
12) 1,3-Dichlorobenzene	6.65	146	415245	35.696	ng		98
13) 1,4-Dichlorobenzene	6.72	146	420506	37.438	ng		99
14) 1,2-Dichlorobenzene	6.87	146	391385	35.419	ng		98
15) Benzyl Alcohol	6.85	79	325309	41.943	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.99	45	600911	38.880	ng		100
17) 2-Methylphenol	6.97	107	322516	38.134	ng		99
18) Hexachloroethane	7.22	117	154579	38.317	ng		97
19) n-Nitroso-di-n-propylamine	7.12	70	276683	37.467	ng		99
20) 3+4-Methylphenols	7.13	107	418329	42.676	ng		93
22) Acetophenone	7.12	105	551961	38.512	ng	#	98
24) Nitrobenzene	7.29	77	431684	39.070	ng		97
25) Isophorone	7.53	82	824765	40.194	ng		98
26) 2-Nitrophenol	7.60	139	245623	42.057	ng		93
27) 2,4-Dimethylphenol	7.65	122	391746	46.630	ng		99
28) bis(2-Chloroethoxy)methane	7.74	93	533104	41.256	ng		99
29) 2,4-Dichlorophenol	7.85	162	381739	41.930	ng		98
30) 1,2,4-Trichlorobenzene	7.93	180	395963	40.312	ng		98
31) Naphthalene	8.01	128	1246423	40.585	ng		99
32) Benzoic acid	7.74	122	33361	4.933	ng		99
33) 4-Chloroaniline	8.06	127	268989	22.461	ng		99
34) Hexachlorobutadiene	8.13	225	227021	38.887	ng		98
35) Caprolactam	8.43	113	126711m	43.366	ng		
36) 4-Chloro-3-methylphenol	8.56	107	386639	42.223	ng		100
37) 2-Methylnaphthalene	8.70	142	830454	43.337	ng		99
38) 1-Methylnaphthalene	8.80	142	784426	42.558	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.87	216	380170	38.972	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.86	237	368073	89.143	ng	99
43) 2,4,6-Trichlorophenol	8.98	196	273371	43.035	ng	98
44) 2,4,5-Trichlorophenol	9.03	196	292497	41.607	ng	99
46) 1,1'-Biphenyl	9.16	154	1011879	39.868	ng	99
47) 2-Chloronaphthalene	9.19	162	773070	39.559	ng	99
48) 2-Nitroaniline	9.28	65	258325	42.123	ng	96
49) Acenaphthylene	9.60	152	1274170	40.325	ng	99
50) Dimethylphthalate	9.46	163	1071492	47.578	ng	99
51) 2,6-Dinitrotoluene	9.53	165	211953	41.718	ng	90
52) Acenaphthene	9.77	154	718054	40.353	ng	100
53) 3-Nitroaniline	9.69	138	183405	32.011	ng	96
54) 2,4-Dinitrophenol	9.80	184	78657	31.128	ng	91
55) Dibenzofuran	9.94	168	1093598	40.881	ng	99
56) 4-Nitrophenol	9.87	139	324879	79.534	ng	97
57) 2,4-Dinitrotoluene	9.93	165	270804	41.913	ng	96
58) Fluorene	10.29	166	830798	39.978	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.07	232	254508	42.811	ng	98
60) Diethylphthalate	10.16	149	909837	41.183	ng	99
61) 4-Chlorophenyl-phenylether	10.27	204	407826	40.266	ng	96
62) 4-Nitroaniline	10.30	138	241990	41.022	ng	98
63) Azobenzene	10.43	77	848899	40.819	ng	97
65) 4,6-Dinitro-2-methylphenol	10.34	198	116872	33.738	ng	85
66) n-Nitrosodiphenylamine	10.40	169	775108	39.890	ng	99
67) 4-Bromophenyl-phenylether	10.76	248	275230	39.878	ng	94
68) Hexachlorobenzene	10.83	284	319912	39.933	ng	95
69) Atrazine	10.92	200	250918	40.912	ng	97
70) Pentachlorophenol	11.03	266	314588	75.372	ng	98
71) Phenanthrene	11.24	178	1241706	39.486	ng	100
72) Anthracene	11.29	178	1303618	40.813	ng	99
73) Carbazole	11.45	167	1232850	40.449	ng	100
74) Di-n-butylphthalate	11.78	149	1422655	40.251	ng	100
75) Fluoranthene	12.42	202	1366389	38.436	ng	100
77) Benzidine	12.54	184	418982	22.982	ng	97
78) Pyrene	12.64	202	1392729	42.217	ng	99
80) Butylbenzylphthalate	13.27	149	613611	42.204	ng	94
81) Benzo(a)anthracene	13.83	228	1060330	38.910	ng	100
82) 3,3'-Dichlorobenzidine	13.79	252	312932	28.624	ng	100
83) Chrysene	13.87	228	1091156	39.421	ng	99
84) Bis(2-ethylhexyl)phthalate	13.83	149	744078	41.747	ng	99
85) Di-n-octyl phthalate	14.43	149	1311251	43.341	ng	100
86) Indeno(1,2,3-cd)pyrene	16.60	276	1146651	48.269	ng	99
88) Benzo(b)fluoranthene	14.84	252	1029795	36.559	ng	99
89) Benzo(k)fluoranthene	14.87	252	1017744	41.143	ng	100
90) Benzo(a)pyrene	15.19	252	994443	39.822	ng	99
91) Dibenzo(a,h)anthracene	16.60	278	952073	44.093	ng	99
92) Benzo(g,h,i)perylene	17.00	276	947563	43.523	ng	98

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

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