Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060119\
Data File : BF114770.D
Acq On : 1 Jun 2019 22:02
Operator : HP/JU
Sample : K2639-06MS
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-07-053019-AMS

Manual Integrations APPROVED
mohammad
6/3/2019 8:51:45 AM

Quant Time: Jun 03 04:49:37 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	356963	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	1294572	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	575275	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	965763	20.00	ng	0.00
76) Chrysene-d12	13.82	240	646792	20.00	ng	0.00
87) Perylene-d12	15.20	264	620332	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	2373576	116.74	ng	0.04
7) Phenol-d6	6.34	99	2764117	112.82	ng	0.01
23) Nitrobenzene-d5	7.26	82	1943569	93.67	ng	0.00
42) 2,4,6-Tribromophenol	10.51	330	715404	130.51	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	3362802	115.56	ng	0.00
79) Terphenyl-d14	12.78	244	2862627	83.21	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.56	88	389849	39.956	ng	# 82
3) Pyridine	3.20	79	857986	30.216	ng	97
4) n-Nitrosodimethylamine	3.13	42	421955	36.721	ng	91
6) Aniline	6.36	93	466016	12.592	ng	97
8) 2-Chlorophenol	6.49	128	997095	42.466	ng	99
9) Benzaldehyde	6.24	77	267444	13.755	ng	97
10) Phenol	6.35	94	1035428	34.984	ng	96
11) bis(2-Chloroethyl)ether	6.44	93	928590	41.018	ng	98
12) 1,3-Dichlorobenzene	6.64	146	1004357	37.545	ng	98
13) 1,4-Dichlorobenzene	6.72	146	1015878	37.854	ng	100
14) 1,2-Dichlorobenzene	6.87	146	948728	38.831	ng	99
15) Benzyl Alcohol	6.84	79	810838	42.074	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.98	45	1258962	36.258	ng	98
17) 2-Methylphenol	6.96	107	812994	40.938	ng	98
18) Hexachloroethane	7.21	117	325999	32.084	ng	98
19) n-Nitroso-di-n-propylamine	7.12	70	652631	38.591	ng	95
20) 3+4-Methylphenols	7.11	107	920315	39.402	ng	97
22) Acetophenone	7.11	105	1320037	47.856	ng	98
24) Nitrobenzene	7.27	77	1004820	45.587	ng	97
25) Isophorone	7.52	82	1797827	43.173	ng	98
26) 2-Nitrophenol	7.59	139	491308	45.791	ng	99
27) 2,4-Dimethylphenol	7.64	122	870732	48.797	ng	99
28) bis(2-Chloroethoxy)methane	7.73	93	1147467	43.287	ng	99
29) 2,4-Dichlorophenol	7.83	162	834418	45.941	ng	97
30) 1,2,4-Trichlorobenzene	7.92	180	907285	43.845	ng	99
31) Naphthalene	8.00	128	2866527	48.072	ng	100
32) Benzoic acid	7.74	122	230653	19.901	ng	98
33) 4-Chloroaniline	8.04	127	270117	9.508	ng	98
34) Hexachlorobutadiene	8.13	225	478697	41.643	ng	99
35) Caprolactam	8.41	113	224431m	36.616	ng	
36) 4-Chloro-3-methylphenol	8.53	107	815992	44.799	ng	99
37) 2-Methylnaphthalene	8.69	142	1852062	46.746	ng	100
38) 1-Methylnaphthalene	8.79	142	1755725	46.772	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	825902	53.910	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	218191	21.552	ng		99
43) 2,4,6-Trichlorophenol	8.97	196	565202	46.888	ng		99
44) 2,4,5-Trichlorophenol	9.01	196	593211	49.315	ng		97
46) 1,1'-Biphenyl	9.15	154	2127945	49.831	ng		99
47) 2-Chloronaphthalene	9.17	162	1672661	47.751	ng		99
48) 2-Nitroaniline	9.26	65	497627	46.035	ng		97
49) Acenaphthylene	9.59	152	2493040	46.069	ng		100
50) Dimethylphthalate	9.45	163	1968858	49.116	ng		100
51) 2,6-Dinitrotoluene	9.51	165	429893	46.153	ng		95
52) Acenaphthene	9.76	154	1487759	44.828	ng		99
53) 3-Nitroaniline	9.67	138	299822	26.300	ng		98
54) 2,4-Dinitrophenol	9.77	184	43018	11.709	ng	#	88
55) Dibenzofuran	9.93	168	2176841	46.079	ng		99
56) 4-Nitrophenol	9.83	139	621200	73.532	ng		91
57) 2,4-Dinitrotoluene	9.91	165	519271	43.438	ng	#	87
58) Fluorene	10.27	166	1506032	49.476	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.05	232	450890	45.794	ng		98
60) Diethylphthalate	10.15	149	1878977	45.894	ng		99
61) 4-Chlorophenyl-phenylether	10.26	204	763737	49.867	ng		100
62) 4-Nitroaniline	10.28	138	429100	38.627	ng		95
63) Azobenzene	10.42	77	1598365	42.522	ng		98
65) 4,6-Dinitro-2-methylphenol	10.31	198	37023	8.646	ng		95
66) n-Nitrosodiphenylamine	10.38	169	1477876	51.794	ng		100
67) 4-Bromophenyl-phenylether	10.75	248	505234	48.784	ng		98
68) Hexachlorobenzene	10.82	284	520556	46.406	ng		98
69) Atrazine	10.91	200	438353	51.435	ng		99
70) Pentachlorophenol	11.01	266	476699	73.721	ng		98
71) Phenanthrene	11.22	178	2214694	44.955	ng		99
72) Anthracene	11.27	178	2248912	45.104	ng		100
73) Carbazole	11.43	167	2015234	45.988	ng		98
74) Di-n-butylphthalate	11.77	149	2479216	47.495	ng		99
75) Fluoranthene	12.40	202	2162159	42.385	ng		97
77) Benzidine	12.52	184	262827	9.868	ng		98
78) Pyrene	12.63	202	2197418	40.162	ng		99
80) Butylbenzylphthalate	13.26	149	1049938	38.184	ng		96
81) Benzo(a)anthracene	13.81	228	2038310	41.009	ng		99
82) 3,3'-Dichlorobenzidine	13.77	252	667765	34.788	ng		99
83) Chrysene	13.84	228	2032410	42.799	ng		98
84) Bis(2-ethylhexyl)phthalate	13.82	149	1337994	39.359	ng		98
85) Di-n-octyl phthalate	14.43	149	2416820	40.919	ng		97
86) Indeno(1,2,3-cd)pyrene	16.53	276	1495568	31.445	ng		99
88) Benzo(b)fluoranthene	14.82	252	1982460	50.740	ng		99
89) Benzo(k)fluoranthene	14.84	252	1686632	49.666	ng		100
90) Benzo(a)pyrene	15.15	252	1650597	48.090	ng		99
91) Dibenzo(a,h)anthracene	16.54	278	1280389	42.215	ng		99
92) Benzo(g,h,i)perylene	16.93	276	1219460	41.426	ng		98

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

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