Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053119\
Data File : BF114712.D
Acq On : 31 May 2019 16:58
Operator : HP/JU
Sample : K3066-03MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FESB-27(3.5-4)MS

Manual Integrations APPROVED
mohammad
6/3/2019 8:49:33 AM

Quant Time: Jun 01 01:05:34 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	363147	20.00	ng		0.00
21) Naphthalene-d8	7.98	136	1381252	20.00	ng		0.00
39) Acenaphthene-d10	9.73	164	701171	20.00	ng		0.00
64) Phenanthrene-d10	11.20	188	1416164	20.00	ng		0.00
76) Chrysene-d12	13.82	240	870661	20.00	ng		0.00
87) Perylene-d12	15.21	264	1000074	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	2448055	118.36	ng		0.02
7) Phenol-d6	6.34	99	3072231	123.26	ng		0.01
23) Nitrobenzene-d5	7.26	82	1914307	86.47	ng		0.00
42) 2,4,6-Tribromophenol	10.51	330	876035	131.12	ng		0.00
45) 2-Fluorobiphenyl	9.06	172	3117803	83.19	ng		0.00
79) Terphenyl-d14	12.78	244	3315196	71.59	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.39	88	366500	36.924	ng		97
3) Pyridine	3.08	79	909414	31.482	ng		97
4) n-Nitrosodimethylamine	3.02	42	454066	38.843	ng		94
6) Aniline	6.36	93	1005312	26.702	ng	#	58
8) 2-Chlorophenol	6.49	128	1058554	44.315	ng		98
9) Benzaldehyde	6.24	77	504622	34.741	ng		96
10) Phenol	6.35	94	1275576	42.364	ng		95
11) bis(2-Chloroethyl)ether	6.44	93	969912	42.114	ng		97
12) 1,3-Dichlorobenzene	6.64	146	1109030	40.751	ng		98
13) 1,4-Dichlorobenzene	6.72	146	1120022	41.024	ng		99
14) 1,2-Dichlorobenzene	6.87	146	1053980	42.404	ng		99
15) Benzyl Alcohol	6.84	79	872335	44.494	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.98	45	1348715	38.181	ng		98
17) 2-Methylphenol	6.96	107	886101	43.859	ng		99
18) Hexachloroethane	7.21	117	404414	39.124	ng		97
19) n-Nitroso-di-n-propylamine	7.12	70	687939	39.986	ng		98
20) 3+4-Methylphenols	7.11	107	1000971	42.125	ng		94
22) Acetophenone	7.11	105	1371899	46.615	ng		98
24) Nitrobenzene	7.28	77	1075869	45.747	ng		93
25) Isophorone	7.52	82	1967281	44.277	ng		99
26) 2-Nitrophenol	7.59	139	587974	51.362	ng		100
27) 2,4-Dimethylphenol	7.64	122	952151	50.011	ng		99
28) bis(2-Chloroethoxy)methane	7.73	93	1242165	43.919	ng		100
29) 2,4-Dichlorophenol	7.84	162	921809	47.568	ng		98
30) 1,2,4-Trichlorobenzene	7.92	180	977416	44.270	ng		99
31) Naphthalene	8.00	128	2839901	44.637	ng		100
32) Benzoic acid	7.70	122	82273m	6.653	ng		
33) 4-Chloroaniline	8.05	127	602917	19.890	ng		97
34) Hexachlorobutadiene	8.13	225	519987	42.396	ng		99
35) Caprolactam	8.42	113	287438m	43.952	ng		
36) 4-Chloro-3-methylphenol	8.53	107	948670	48.815	ng		98
37) 2-Methylnaphthalene	8.69	142	1957452	46.306	ng		98
38) 1-Methylnaphthalene	8.79	142	1861589	46.480	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	814077	43.597	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	990450	80.268	ng		99
43) 2,4,6-Trichlorophenol	8.97	196	664123	45.202	ng		98
44) 2,4,5-Trichlorophenol	9.00	196	713979	48.697	ng		99
46) 1,1'-Biphenyl	9.15	154	2272997	43.671	ng		99
47) 2-Chloronaphthalene	9.17	162	1855038	43.449	ng		98
48) 2-Nitroaniline	9.27	65	593315	45.032	ng		88
49) Acenaphthylene	9.59	152	2876852	43.616	ng		99
50) Dimethylphthalate	9.46	163	2414544	49.419	ng		99
51) 2,6-Dinitrotoluene	9.51	165	545166	48.020	ng		95
52) Acenaphthene	9.76	154	1773322	43.839	ng		99
53) 3-Nitroaniline	9.67	138	431223	31.035	ng		97
54) 2,4-Dinitrophenol	9.77	184	186652	41.681	ng	#	85
55) Dibenzofuran	9.93	168	2499895	43.416	ng		99
56) 4-Nitrophenol	9.85	139	955468	92.792	ng		97
57) 2,4-Dinitrotoluene	9.91	165	730966	50.168	ng		95
58) Fluorene	10.27	166	1767276	46.951	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.05	232	569851	47.484	ng		99
60) Diethylphthalate	10.16	149	2196207	44.011	ng		99
61) 4-Chlorophenyl-phenylether	10.26	204	870025	45.420	ng		99
62) 4-Nitroaniline	10.29	138	626565	46.276	ng		98
63) Azobenzene	10.43	77	1971904	43.040	ng		95
65) 4,6-Dinitro-2-methylphenol	10.32	198	226994	36.149	ng		92
66) n-Nitrosodiphenylamine	10.39	169	1818615	43.465	ng		100
67) 4-Bromophenyl-phenylether	10.75	248	626978	41.285	ng		96
68) Hexachlorobenzene	10.82	284	682091	41.467	ng		92
69) Atrazine	10.91	200	640519	51.163	ng		98
70) Pentachlorophenol	11.01	266	674267	71.111	ng		98
71) Phenanthrene	11.22	178	2855286	39.525	ng		99
72) Anthracene	11.27	178	3006768	41.124	ng		98
73) Carbazole	11.43	167	2824510	43.956	ng		99
74) Di-n-butylphthalate	11.77	149	3221189	40.490	ng		99
75) Fluoranthene	12.40	202	3051328	40.791	ng		99
77) Benzidine	12.52	184	989561	27.601	ng		100
78) Pyrene	12.63	202	3069610	41.678	ng		99
80) Butylbenzylphthalate	13.26	149	1574377	42.534	ng		99
81) Benzo(a)anthracene	13.81	228	2715804	40.591	ng		100
82) 3,3'-Dichlorobenzidine	13.77	252	765457	29.624	ng		99
83) Chrysene	13.85	228	2710192	42.397	ng		99
84) Bis(2-ethylhexyl)phthalate	13.82	149	1912499	41.794	ng		100
85) Di-n-octyl phthalate	14.43	149	3419704	43.011	ng		98
86) Indeno(1,2,3-cd)pyrene	16.54	276	2719433	42.475	ng		99
88) Benzo(b)fluoranthene	14.82	252	2693074	42.755	ng		99
89) Benzo(k)fluoranthene	14.85	252	2426047	44.313	ng		99
90) Benzo(a)pyrene	15.16	252	2426869	43.858	ng		99
91) Dibenzo(a,h)anthracene	16.56	278	2225776	45.520	ng		99
92) Benzo(g,h,i)perylene	16.94	276	2309356	48.661	ng		99

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

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