Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052319\
Data File : BF114538.D
Acq On : 23 May 2019 22:01
Operator : JU/SJ
Sample : K2746-02MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-5.8.19MS

Manual Integrations APPROVED
mohammad
5/24/2019 1:36:36 PM

Quant Time: May 24 07:58:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 24 07:23:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	172075	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	670476	20.00	ng		0.00
39) Acenaphthene-d10	9.85	164	330620	20.00	ng		0.00
64) Phenanthrene-d10	11.34	188	699365	20.00	ng		0.00
76) Chrysene-d12	13.99	240	525510	20.00	ng		0.00
87) Perylene-d12	15.44	264	472359	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	1146976	107.27	ng		0.00
7) Phenol-d6	6.46	99	1482724	117.24	ng		0.00
23) Nitrobenzene-d5	7.38	82	897297	75.11	ng		0.00
42) 2,4,6-Tribromophenol	10.65	330	385099	112.67	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	1552321	71.02	ng		0.00
79) Terphenyl-d14	12.92	244	1783414	69.96	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.55	88	160089	27.238	ng		99
3) Pyridine	3.32	79	425948	26.304	ng		96
4) n-Nitrosodimethylamine	3.26	42	248319	31.800	ng		95
6) Aniline	6.48	93	399135	21.848	ng	#	21
8) 2-Chlorophenol	6.60	128	465190	40.752	ng		97
9) Benzaldehyde	6.36	77	173612	19.609	ng		98
10) Phenol	6.47	94	588065	39.528	ng		89
11) bis(2-Chloroethyl)ether	6.55	93	466830	41.332	ng		96
12) 1,3-Dichlorobenzene	6.75	146	470356	36.708	ng		97
13) 1,4-Dichlorobenzene	6.83	146	478035	37.023	ng		99
14) 1,2-Dichlorobenzene	6.99	146	449936	38.142	ng		99
15) Benzyl Alcohol	6.96	79	375985	38.118	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.09	45	796535	36.372	ng		70
17) 2-Methylphenol	7.08	107	363800	38.797	ng	#	91
18) Hexachloroethane	7.32	117	173052	35.705	ng		99
19) n-Nitroso-di-n-propylamine	7.23	70	311604	38.872	ng		99
20) 3+4-Methylphenols	7.23	107	468639	43.256	ng	#	66
22) Acetophenone	7.22	105	617867	41.598	ng	#	89
24) Nitrobenzene	7.40	77	485455	39.895	ng		97
25) Isophorone	7.63	82	892818	40.295	ng		98
26) 2-Nitrophenol	7.72	139	250138	42.370	ng		100
27) 2,4-Dimethylphenol	7.76	122	397729	42.895	ng		100
28) bis(2-Chloroethoxy)methane	7.84	93	563820	39.218	ng		97
29) 2,4-Dichlorophenol	7.96	162	389889	42.229	ng		99
30) 1,2,4-Trichlorobenzene	8.04	180	399189	38.022	ng		99
31) Naphthalene	8.12	128	1283933	40.995	ng		99
32) Benzoic acid	7.87	122	75421	16.760	ng		97
33) 4-Chloroaniline	8.17	127	278930	19.544	ng		98
34) Hexachlorobutadiene	8.23	225	217836	36.466	ng		99
35) Caprolactam	8.54	113	137223m	45.580	ng		
36) 4-Chloro-3-methylphenol	8.67	107	416329	44.797	ng		99
37) 2-Methylnaphthalene	8.81	142	863528	42.735	ng		98
38) 1-Methylnaphthalene	8.91	142	816213	42.893	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	391880	39.129	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	97301	24.051	ng		97
43) 2,4,6-Trichlorophenol	9.10	196	268535	38.982	ng		98
44) 2,4,5-Trichlorophenol	9.15	196	283312	40.102	ng		98
46) 1,1'-Biphenyl	9.27	154	1048126	39.242	ng		97
47) 2-Chloronaphthalene	9.30	162	810081	37.686	ng		97
48) 2-Nitroaniline	9.40	65	290300	38.080	ng		98
49) Acenaphthylene	9.72	152	1293812	39.574	ng		98
50) Dimethylphthalate	9.57	163	1091287	44.963	ng		100
51) 2,6-Dinitrotoluene	9.64	165	220794	41.015	ng		97
52) Acenaphthene	9.89	154	753044	37.536	ng		99
53) 3-Nitroaniline	9.81	138	182017	27.238	ng		96
54) 2,4-Dinitrophenol	9.93	184	115416	45.788	ng		98
55) Dibenzofuran	10.06	168	1094821	37.216	ng		99
56) 4-Nitrophenol	10.00	139	299388	63.353	ng		97
57) 2,4-Dinitrotoluene	10.05	165	277906	38.035	ng	#	79
58) Fluorene	10.40	166	918118	40.405	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.19	232	238207	39.078	ng		99
60) Diethylphthalate	10.27	149	982707	39.850	ng		99
61) 4-Chlorophenyl-phenylether	10.39	204	436684	39.128	ng		98
62) 4-Nitroaniline	10.43	138	257833	36.718	ng		97
63) Azobenzene	10.55	77	916469	38.394	ng		97
65) 4,6-Dinitro-2-methylphenol	10.47	198	124559	37.065	ng		85
66) n-Nitrosodiphenylamine	10.51	169	843060	39.718	ng		99
67) 4-Bromophenyl-phenylether	10.87	248	281404	36.544	ng		95
68) Hexachlorobenzene	10.96	284	303295	35.604	ng		94
69) Atrazine	11.04	200	259930	39.351	ng		97
70) Pentachlorophenol	11.16	266	260717	64.563	ng		99
71) Phenanthrene	11.36	178	1365382	40.129	ng		98
72) Anthracene	11.42	178	1387172	40.590	ng		99
73) Carbazole	11.57	167	1363645	41.844	ng		98
74) Di-n-butylphthalate	11.89	149	1587510	42.282	ng		100
75) Fluoranthene	12.55	202	1539337	42.012	ng		98
77) Benzidine	12.67	184	282495	11.976	ng		98
78) Pyrene	12.79	202	1568857	37.111	ng		99
80) Butylbenzylphthalate	13.39	149	728437	40.938	ng		97
81) Benzo(a)anthracene	13.97	228	1315077	38.690	ng		99
82) 3,3'-Dichlorobenzidine	13.93	252	368225	27.926	ng		98
83) Chrysene	14.01	228	1282542	38.492	ng		98
84) Bis(2-ethylhexyl)phthalate	13.94	149	1028537	44.196	ng		99
85) Di-n-octyl phthalate	14.56	149	1733527	45.951	ng		98
86) Indeno(1,2,3-cd)pyrene	16.93	276	1231939	41.836	ng		100
88) Benzo(b)fluoranthene	15.02	252	1231495	40.694	ng		99
89) Benzo(k)fluoranthene	15.05	252	1099189	39.541	ng		98
90) Benzo(a)pyrene	15.39	252	1116402	41.918	ng		98
91) Dibenzo(a,h)anthracene	16.93	278	1025736	46.349	ng		98
92) Benzo(g,h,i)perylene	17.36	276	1059636	47.778	ng		100

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

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