Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051219\
Data File : BF114192.D
Acq On : 12 May 2019 15:12
Operator : JU/SJ
Sample : K2766-12MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P026-SS008-0206-01MS

Manual Integrations APPROVED
Sohil
5/13/2019 8:37:20 PM

Quant Time: May 13 10:02:15 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 10 15:56:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	315534	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	1177674	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	513472	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	886001	20.00	ng		0.00
76) Chrysene-d12	14.02	240	664881	20.00	ng		0.00
87) Perylene-d12	15.49	264	755436	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	1437758	73.33	ng		0.00
7) Phenol-d6	6.50	99	1883261	81.21	ng		0.00
23) Nitrobenzene-d5	7.42	82	1199872	57.18	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	382838	72.12	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	1927511	56.78	ng		0.00
79) Terphenyl-d14	12.95	244	1578193	48.93	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.62	88	197628	18.337	ng		96
3) Pyridine	3.43	79	73284	2.468	ng		97
4) n-Nitrosodimethylamine	3.30	42	301450	21.052	ng	#	92
8) 2-Chlorophenol	6.65	128	559205	26.715	ng		93
9) Benzaldehyde	6.40	77	162498	10.009	ng		98
10) Phenol	6.51	94	675840	24.774	ng		83
11) bis(2-Chloroethyl)ether	6.59	93	579230	27.967	ng		98
12) 1,3-Dichlorobenzene	6.79	146	568308	24.187	ng		98
13) 1,4-Dichlorobenzene	6.87	146	579346	24.469	ng		98
14) 1,2-Dichlorobenzene	7.02	146	548468	25.355	ng		98
15) Benzyl Alcohol	6.99	79	477990	26.427	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1032382	25.709	ng		96
17) 2-Methylphenol	7.11	107	438774	25.518	ng		100
18) Hexachloroethane	7.36	117	203510	22.899	ng		97
19) n-Nitroso-di-n-propylamine	7.26	70	394002	26.804	ng		98
20) 3+4-Methylphenols	7.26	107	519863	26.168	ng		90
22) Acetophenone	7.26	105	751813	28.817	ng		93
24) Nitrobenzene	7.43	77	599431	28.046	ng		96
25) Isophorone	7.67	82	1069663	27.485	ng		99
26) 2-Nitrophenol	7.75	139	306354	29.544	ng		97
27) 2,4-Dimethylphenol	7.79	122	443510	27.232	ng		98
28) bis(2-Chloroethoxy)methane	7.88	93	708325	28.050	ng		99
29) 2,4-Dichlorophenol	8.00	162	438352	27.030	ng		97
30) 1,2,4-Trichlorobenzene	8.07	180	484616	26.279	ng		98
31) Naphthalene	8.16	128	1549000	28.158	ng		98
32) Benzoic acid	7.91	122	365564	33.896	ng		97
34) Hexachlorobutadiene	8.27	225	272478	25.968	ng		98
35) Caprolactam	8.57	113	115223	21.790	ng		93
36) 4-Chloro-3-methylphenol	8.69	107	446075	27.326	ng		98
37) 2-Methylnaphthalene	8.85	142	1035794	29.183	ng		97
38) 1-Methylnaphthalene	8.95	142	963951	28.840	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	467144	30.033	ng		100
41) Hexachlorocyclopentadiene	9.00	237	142912	22.980	ng		99
43) 2,4,6-Trichlorophenol	9.13	196	299029	27.950	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.17	196	309158	28.177	ng		95
46) 1,1'-Biphenyl	9.31	154	1268397	30.577	ng		98
47) 2-Chloronaphthalene	9.33	162	927956	27.796	ng		98
48) 2-Nitroaniline	9.43	65	301410	25.458	ng		97
49) Acenaphthylene	9.75	152	1487171	29.289	ng		98
50) Dimethylphthalate	9.60	163	1278539	33.919	ng		98
51) 2,6-Dinitrotoluene	9.67	165	233475	27.926	ng		92
52) Acenaphthene	9.92	154	843758	27.080	ng		100
53) 3-Nitroaniline	9.83	138	37250	3.589	ng		98
54) 2,4-Dinitrophenol	9.95	184	177254	45.354	ng		90
55) Dibenzofuran	10.09	168	1264211	27.670	ng		96
56) 4-Nitrophenol	10.01	139	316496	43.123	ng		89
57) 2,4-Dinitrotoluene	10.07	165	297322	26.201	ng		99
58) Fluorene	10.43	166	974076	27.602	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.22	232	244681	25.846	ng	#	99
60) Diethylphthalate	10.30	149	1019793	26.627	ng		99
61) 4-Chlorophenyl-phenylether	10.42	204	475371	27.426	ng		97
62) 4-Nitroaniline	10.45	138	61203	5.612	ng		98
63) Azobenzene	10.59	77	979721	26.428	ng		96
65) 4,6-Dinitro-2-methylphenol	10.49	198	103599	24.334	ng		98
66) n-Nitrosodiphenylamine	10.54	169	824999	30.680	ng		97
67) 4-Bromophenyl-phenylether	10.92	248	285430	29.259	ng		96
68) Hexachlorobenzene	10.99	284	325679	30.178	ng		99
69) Atrazine	11.07	200	209894	25.083	ng		97
70) Pentachlorophenol	11.19	266	288040	56.304	ng		97
71) Phenanthrene	11.40	178	1538162	35.684	ng		99
72) Anthracene	11.44	178	1307601	30.202	ng		98
73) Carbazole	11.60	167	1091524	26.438	ng		98
74) Di-n-butylphthalate	11.93	149	1444373	30.366	ng		100
75) Fluoranthene	12.59	202	1733975	37.355	ng		98
78) Pyrene	12.82	202	1997433	37.345	ng		99
80) Butylbenzylphthalate	13.43	149	603058	26.787	ng		99
81) Benzo(a)anthracene	14.00	228	1415958	32.926	ng		97
83) Chrysene	14.04	228	1290009	30.601	ng		99
84) Bis(2-ethylhexyl)phthalate	13.99	149	887451	30.140	ng		99
85) Di-n-octyl phthalate	14.60	149	1596482	33.448	ng		99
86) Indeno(1,2,3-cd)pyrene	16.96	276	1243122	33.366	ng		99
88) Benzo(b)fluoranthene	15.06	252	1687524	34.868	ng		98
89) Benzo(k)fluoranthene	15.09	252	1228529	27.633	ng		99
90) Benzo(a)pyrene	15.43	252	1371207	32.193	ng		100
91) Dibenzo(a,h)anthracene	16.97	278	989674	27.962	ng		99
92) Benzo(g,h,i)perylene	17.41	276	1037109	29.239	ng		98

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

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