Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051319\
Data File : BF114224.D
Acq On : 13 May 2019 13:13
Operator : JU/SJ
Sample : K2766-12MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

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

Manual Integrations APPROVED
Sohil
5/14/2019 8:03:03 PM

Quant Time: May 14 05:04:51 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	311883	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	1191075	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	561773	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	1053617	20.00	ng		0.00
76) Chrysene-d12	14.03	240	618580	20.00	ng		0.00
87) Perylene-d12	15.53	264	719986	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1419420	73.24	ng		0.00
7) Phenol-d6	6.50	99	1855139	80.93	ng		0.01
23) Nitrobenzene-d5	7.42	82	1211032	57.06	ng		0.00
42) 2,4,6-Tribromophenol	10.68	330	449911	77.47	ng		0.00
45) 2-Fluorobiphenyl	9.21	172	1973333	53.14	ng		0.00
79) Terphenyl-d14	12.96	244	1694405	56.47	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	185971	17.458	ng		98
3) Pyridine	3.42	79	61217	2.086	ng		96
4) n-Nitrosodimethylamine	3.30	42	293725	20.753	ng	#	99
6) Aniline	6.52	93	29301	0.885	ng	#	1
8) 2-Chlorophenol	6.65	128	551739	26.667	ng		97
9) Benzaldehyde	6.40	77	164515	10.252	ng		97
10) Phenol	6.52	94	660894	24.510	ng		82
11) bis(2-Chloroethyl)ether	6.59	93	564127	27.557	ng		99
12) 1,3-Dichlorobenzene	6.80	146	551897	23.764	ng		99
13) 1,4-Dichlorobenzene	6.87	146	562952	24.055	ng		97
14) 1,2-Dichlorobenzene	7.03	146	531764	24.871	ng		98
15) Benzyl Alcohol	7.00	79	475564	26.601	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1028711	25.917	ng		85
17) 2-Methylphenol	7.12	107	439705	25.871	ng		96
18) Hexachloroethane	7.36	117	208585	23.745	ng		97
19) n-Nitroso-di-n-propylamine	7.27	70	398928	27.457	ng		96
20) 3+4-Methylphenols	7.27	107	537550	27.375	ng	#	66
22) Acetophenone	7.26	105	761577	28.863	ng	#	89
24) Nitrobenzene	7.43	77	603416	27.915	ng		99
25) Isophorone	7.67	82	1112547	28.265	ng		99
26) 2-Nitrophenol	7.75	139	310964	29.651	ng		97
27) 2,4-Dimethylphenol	7.79	122	456224	27.698	ng		99
28) bis(2-Chloroethoxy)methane	7.88	93	732958	28.699	ng		99
29) 2,4-Dichlorophenol	8.00	162	451456	27.525	ng		100
30) 1,2,4-Trichlorobenzene	8.07	180	486367	26.077	ng		99
31) Naphthalene	8.16	128	1568470	28.191	ng		99
32) Benzoic acid	7.92	122	401063	36.174	ng		97
33) 4-Chloroaniline	8.23	127	16090	0.635	ng	#	87
34) Hexachlorobutadiene	8.27	225	274313	25.849	ng		98
35) Caprolactam	8.58	113	127703	23.878	ng		98
36) 4-Chloro-3-methylphenol	8.69	107	477931	28.948	ng		97
37) 2-Methylnaphthalene	8.85	142	1065889	29.693	ng		97
38) 1-Methylnaphthalene	8.95	142	991233	29.322	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	481221	28.278	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	262843	35.686	ng		96
43) 2,4,6-Trichlorophenol	9.13	196	320002	27.339	ng		99
44) 2,4,5-Trichlorophenol	9.17	196	335849	27.978	ng		95
46) 1,1'-Biphenyl	9.31	154	1314222	28.958	ng		98
47) 2-Chloronaphthalene	9.34	162	976771	26.743	ng		97
48) 2-Nitroaniline	9.43	65	336183	25.954	ng		95
49) Acenaphthylene	9.75	152	1593221	28.680	ng		99
50) Dimethylphthalate	9.61	163	1434173	34.777	ng		97
51) 2,6-Dinitrotoluene	9.67	165	258841	28.298	ng		89
52) Acenaphthene	9.92	154	904787	26.542	ng		99
53) 3-Nitroaniline	9.85	138	30900	2.721	ng	#	90
54) 2,4-Dinitrophenol	9.96	184	227056	51.950	ng		94
55) Dibenzofuran	10.09	168	1368191	27.372	ng		98
56) 4-Nitrophenol	10.02	139	365809	45.557	ng		90
57) 2,4-Dinitrotoluene	10.08	165	344502	27.749	ng		99
58) Fluorene	10.44	166	1084617	28.092	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.22	232	285258	27.541	ng	#	100
60) Diethylphthalate	10.30	149	1178150	28.117	ng		98
61) 4-Chlorophenyl-phenylether	10.43	204	537148	28.326	ng		99
62) 4-Nitroaniline	10.45	138	52106	4.367	ng		98
63) Azobenzene	10.59	77	1132034	27.911	ng		99
65) 4,6-Dinitro-2-methylphenol	10.49	198	140577	27.767	ng		93
66) n-Nitrosodiphenylamine	10.55	169	929323	29.062	ng		100
67) 4-Bromophenyl-phenylether	10.92	248	334941	28.872	ng		99
68) Hexachlorobenzene	10.99	284	379066	29.537	ng		96
69) Atrazine	11.07	200	254254	25.550	ng		98
70) Pentachlorophenol	11.19	266	341602	56.151	ng		99
71) Phenanthrene	11.40	178	1808109	35.273	ng		99
72) Anthracene	11.45	178	1527144	29.661	ng		99
73) Carbazole	11.60	167	1258107	25.625	ng		99
74) Di-n-butylphthalate	11.93	149	1800646	31.834	ng		100
75) Fluoranthene	12.59	202	1908785	34.579	ng		99
77) Benzidine	12.68	184	38477m	1.386	ng		
78) Pyrene	12.82	202	2106804	42.338	ng		99
80) Butylbenzylphthalate	13.43	149	615648	29.393	ng		99
81) Benzo(a)anthracene	14.02	228	1329250	33.223	ng		98
82) 3,3'-Dichlorobenzidine	14.00	252	6366	0.410	ng	#	32
83) Chrysene	14.06	228	1190835	30.363	ng		99
84) Bis(2-ethylhexyl)phthalate	14.00	149	952664	34.777	ng		100
85) Di-n-octyl phthalate	14.63	149	1556185	35.044	ng		97
86) Indeno(1,2,3-cd)pyrene	17.02	276	1327891	38.309	ng		99
88) Benzo(b)fluoranthene	15.09	252	1496510	32.444	ng		98
89) Benzo(k)fluoranthene	15.12	252	1174491	27.719	ng		99
90) Benzo(a)pyrene	15.46	252	1307245	32.202	ng		98
91) Dibenzo(a,h)anthracene	17.03	278	1038040	30.773	ng		99
92) Benzo(g,h,i)perylene	17.47	276	1102643	32.618	ng		99

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

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