Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012319\
Data File : BF112196.D
Acq On : 23 Jan 2019 12:37
Operator : JU/SJ
Sample : PB116569BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB116569BS

Manual Integrations APPROVED
Sohil
1/24/2019 11:30:19 AM

Quant Time: Jan 23 13:24:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 19 01:02:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	301966	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	1249610	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	639426	20.00	ng		0.00
64) Phenanthrene-d10	11.39	188	1239629	20.00	ng		0.00
76) Chrysene-d12	14.03	240	916946	20.00	ng		0.00
87) Perylene-d12	15.50	264	684795	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	2156553	129.62	ng		0.01
7) Phenol-d6	6.51	99	2732410	131.27	ng		0.00
23) Nitrobenzene-d5	7.42	82	1653949	91.44	ng		0.00
42) 2,4,6-Tribromophenol	10.69	330	946825	137.26	ng		0.00
45) 2-Fluorobiphenyl	9.22	172	3221306	73.86	ng		0.00
79) Terphenyl-d14	12.97	244	3503822	81.29	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.73	88	227207	29.119	ng		97
3) Pyridine	3.50	79	590424	30.212	ng		99
4) n-Nitrosodimethylamine	3.43	42	311474	39.255	ng		100
6) Aniline	6.52	93	725039	28.639	ng	#	3
8) 2-Chlorophenol	6.65	128	812986	42.075	ng		98
9) Benzaldehyde	6.40	77	127802	8.180	ng		95
10) Phenol	6.52	94	903388	39.711	ng		94
11) bis(2-Chloroethyl)ether	6.59	93	737700	40.784	ng		99
12) 1,3-Dichlorobenzene	6.80	146	826103	37.464	ng		99
13) 1,4-Dichlorobenzene	6.87	146	841072	37.289	ng		98
14) 1,2-Dichlorobenzene	7.03	146	786867	37.873	ng		97
15) Benzyl Alcohol	7.00	79	681716	43.959	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	919265	35.242	ng	#	53
17) 2-Methylphenol	7.12	107	648277	44.676	ng	#	92
18) Hexachloroethane	7.37	117	311749	41.411	ng		94
19) n-Nitroso-di-n-propylamine	7.27	70	548922	43.288	ng		97
20) 3+4-Methylphenols	7.27	107	803980	45.696	ng	#	72
22) Acetophenone	7.26	105	1081669	37.363	ng	#	96
24) Nitrobenzene	7.44	77	814281	42.479	ng		98
25) Isophorone	7.68	82	1512261	43.287	ng		98
26) 2-Nitrophenol	7.76	139	467496	47.544	ng		98
27) 2,4-Dimethylphenol	7.80	122	724708	44.690	ng		94
28) bis(2-Chloroethoxy)methane	7.89	93	972092	40.565	ng		99
29) 2,4-Dichlorophenol	8.00	162	732122	41.328	ng		99
30) 1,2,4-Trichlorobenzene	8.08	180	776361	37.764	ng		100
31) Naphthalene	8.16	128	2305710	40.568	ng		99
32) Benzoic acid	7.96	122	500285	60.308	ng		98
33) 4-Chloroaniline	8.21	127	606089	23.728	ng		97
34) Hexachlorobutadiene	8.27	225	431020	37.674	ng		99
35) Caprolactam	8.60	113	225853m	36.427	ng		
36) 4-Chloro-3-methylphenol	8.71	107	754849	43.627	ng		99
37) 2-Methylnaphthalene	8.85	142	1667290	43.200	ng		97
38) 1-Methylnaphthalene	8.95	142	1575734	42.482	ng		97
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	761414	37.083	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	625895	76.656	ng		100
43) 2,4,6-Trichlorophenol	9.14	196	521072	42.421	ng		99
44) 2,4,5-Trichlorophenol	9.19	196	548841	41.953	ng		95
46) 1,1'-Biphenyl	9.32	154	1999046	37.388	ng		98
47) 2-Chloronaphthalene	9.35	162	1543697	36.885	ng		96
48) 2-Nitroaniline	9.44	65	449133	47.644	ng		93
49) Acenaphthylene	9.76	152	2444417	40.024	ng		100
50) Dimethylphthalate	9.62	163	1951485	41.849	ng		99
51) 2,6-Dinitrotoluene	9.68	165	446035	47.896	ng	#	86
52) Acenaphthene	9.93	154	1424822	38.130	ng		100
53) 3-Nitroaniline	9.85	138	317277	30.467	ng		93
54) 2,4-Dinitrophenol	9.97	184	380243	104.647	ng		96
55) Dibenzofuran	10.10	168	2139219	37.855	ng		93
56) 4-Nitrophenol	10.04	139	570210	76.849	ng		94
57) 2,4-Dinitrotoluene	10.09	165	564828	47.320	ng	#	87
58) Fluorene	10.45	166	1645367	38.970	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	444972	45.074	ng		95
60) Diethylphthalate	10.32	149	1856431	40.783	ng		99
61) 4-Chlorophenyl-phenylether	10.43	204	820306	36.005	ng		91
62) 4-Nitroaniline	10.47	138	426543	41.249	ng		95
63) Azobenzene	10.60	77	1588653	36.444	ng		95
65) 4,6-Dinitro-2-methylphenol	10.51	198	249982	48.277	ng		99
66) n-Nitrosodiphenylamine	10.56	169	1520194	37.095	ng		99
67) 4-Bromophenyl-phenylether	10.92	248	544663	37.827	ng		96
68) Hexachlorobenzene	11.00	284	574622	37.047	ng		95
69) Atrazine	11.09	200	496933	37.578	ng		97
70) Pentachlorophenol	11.20	266	546221	73.759	ng		100
71) Phenanthrene	11.41	178	2420116	38.793	ng		99
72) Anthracene	11.46	178	2475373	39.170	ng		98
73) Carbazole	11.62	167	2226545	35.171	ng		97
74) Di-n-butylphthalate	11.94	149	2813459	39.508	ng		100
75) Fluoranthene	12.60	202	2193349	33.299	ng		99
77) Benzidine	12.71	184	775337	25.343	ng		96
78) Pyrene	12.83	202	2481177	41.014	ng		99
80) Butylbenzylphthalate	13.43	149	1236731	46.599	ng		91
81) Benzo(a)anthracene	14.02	228	2131870	40.549	ng		99
82) 3,3'-Dichlorobenzidine	13.97	252	606562	30.807	ng		98
83) Chrysene	14.06	228	1985578	39.913	ng		98
84) Bis(2-ethylhexyl)phthalate	13.99	149	1743839	45.846	ng		99
85) Di-n-octyl phthalate	14.60	149	2714761	46.323	ng		99
86) Indeno(1,2,3-cd)pyrene	16.99	276	1706264	37.176	ng		97
88) Benzo(b)fluoranthene	15.07	252	1903871	48.978	ng		99
89) Benzo(k)fluoranthene	15.10	252	1591463	42.300	ng		99
90) Benzo(a)pyrene	15.44	252	1667555	46.778	ng		99
91) Dibenzo(a,h)anthracene	17.00	278	1429021	45.134	ng		98
92) Benzo(g,h,i)perylene	17.44	276	1406439	45.089	ng		98

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

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