Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082218\
Data File : BF108389.D
Acq On : 22 Aug 2018 18:00
Operator : JU/SJ
Sample : J4569-01MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-037MS

Manual Integrations APPROVED
Sohil
8/23/2018 3:43:13 PM

Quant Time: Aug 23 04:53:02 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 22 11:01:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	169207	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	644973	20.00	ng	0.00
38) Acenaphthene-d10	10.05	164	316606	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	585138	20.00	ng	0.00
75) Chrysene-d12	14.19	240	316454	20.00	ng	0.00
86) Perylene-d12	15.75	264	314057	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	946875	101.31	ng	0.00
7) Phenol-d6	6.63	99	1301198	104.77	ng	0.00
23) Nitrobenzene-d5	7.57	82	854263	73.91	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	358696	113.58	ng	0.00
44) 2-Fluorobiphenyl	9.36	172	1524907	77.33	ng	0.00
78) Terphenyl-d14	13.13	244	1333758	107.16	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.95	88	111462	23.210	ng	90
3) Pyridine	3.71	79	319699	25.843	ng	85
4) n-Nitrosodimethylamine	3.67	42	199841	28.709	ng	84
6) Aniline	6.67	93	497711	29.462	ng	97
8) 2-Chlorophenol	6.79	128	354935	33.719	ng	96
9) Benzaldehyde	6.55	77	242432	25.177	ng	96
10) Phenol	6.64	94	474703	36.951	ng	91
11) bis(2-Chloroethyl)ether	6.74	93	340092	32.745	ng	96
12) 1,3-Dichlorobenzene	6.94	146	391785	32.190	ng	98
13) 1,4-Dichlorobenzene	7.02	146	396220	32.401	ng	98
14) 1,2-Dichlorobenzene	7.17	146	373798	32.863	ng	99
15) Benzyl Alcohol	7.14	79	334486	31.991	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.27	45	653870	30.560	ng	99
17) 2-Methylphenol	7.24	107	317466	35.169	ng	93
18) Hexachloroethane	7.51	117	143425	32.944	ng	94
19) n-Nitroso-di-n-propylamine	7.41	70	269078	32.038	ng	90
20) 3+4-Methylphenols	7.40	107	387037	33.458	ng	93
22) Acetophenone	7.41	105	515277	34.167	ng	97
24) Nitrobenzene	7.58	77	400413	34.259	ng	94
25) Isophorone	7.82	82	738856	33.538	ng	97
26) 2-Nitrophenol	7.90	139	179663	40.704	ng	95
27) 2,4-Dimethylphenol	7.92	122	336755	34.441	ng	94
28) bis(2-Chloroethoxy)methane	8.02	93	447982	34.833	ng	99
29) 2,4-Dichlorophenol	8.14	162	321586	35.739	ng	97
30) 1,2,4-Trichlorobenzene	8.22	180	340964	34.368	ng	95
31) Naphthalene	8.31	128	1030182	35.121	ng	99
32) Benzoic acid	8.02	122	80532	18.401	ng	88
33) 4-Chloroaniline	8.35	127	365733	28.611	ng	99
34) Hexachlorobutadiene	8.42	225	217738	34.669	ng	99
35) Caprolactam	8.72	113	91401m	32.414	ng	
36) 4-Chloro-3-methylphenol	8.83	107	333737	34.381	ng	98
37) 2-Methylnaphthalene	9.00	142	713650	34.388	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	363284	37.365	ng	98
40) Hexachlorocyclopentadiene	9.15	237	259628	41.342	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	236382	39.179	ng		98
43) 2,4,5-Trichlorophenol	9.32	196	252721m	38.051	ng		
45) 1,1'-Biphenyl	9.47	154	856369	36.686	ng		98
46) 2-Chloronaphthalene	9.50	162	659469	35.744	ng		96
47) 2-Nitroaniline	9.59	65	221484	37.102	ng		92
48) Acenaphthylene	9.91	152	1046347	35.873	ng		99
49) Dimethylphthalate	9.76	163	973008	44.119	ng		99
50) 2,6-Dinitrotoluene	9.83	165	173452	37.591	ng		97
51) Acenaphthene	10.08	154	617005	34.537	ng		98
52) 3-Nitroaniline	10.00	138	154839	30.670	ng		97
53) 2,4-Dinitrophenol	10.11	184	93800	56.573	ng	#	22
54) Dibenzofuran	10.25	168	911638	35.222	ng		96
55) 4-Nitrophenol	10.16	139	245919	64.327	ng		87
56) 2,4-Dinitrotoluene	10.24	165	228066	38.399	ng	#	98
57) Fluorene	10.60	166	727241	35.494	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.37	232	205710	37.056	ng	#	86
59) Diethylphthalate	10.46	149	773647	36.226	ng		97
60) 4-Chlorophenyl-phenylether	10.58	204	376491	35.264	ng		95
61) 4-Nitroaniline	10.62	138	176622	35.386	ng		94
62) Azobenzene	10.75	77	748505	33.938	ng		94
64) 4,6-Dinitro-2-methylphenol	10.65	198	74065	35.309	ng		79
65) n-Nitrosodiphenylamine	10.71	169	653353	37.785	ng		98
66) 4-Bromophenyl-phenylether	11.08	248	240322	37.793	ng	#	90
67) Hexachlorobenzene	11.15	284	237376	35.479	ng	#	89
68) Atrazine	11.23	200	213978	36.895	ng		95
69) Pentachlorophenol	11.34	266	225087	70.287	ng		97
70) Phenanthrene	11.57	178	999896	36.230	ng		99
71) Anthracene	11.62	178	1022620	36.152	ng		100
72) Carbazole	11.77	167	871443	34.674	ng		99
73) Di-n-butylphthalate	12.09	149	1120832	39.373	ng		99
74) Fluoranthene	12.77	202	960098	31.875	ng		94
76) Benzidine	12.88	184	467332	39.526	ng		98
77) Pyrene	12.99	202	901132	44.978	ng		99
79) Butylbenzylphthalate	13.59	149	378756	47.609	ng		96
80) Benzo(a)anthracene	14.19	228	654587	36.043	ng		98
81) 3,3'-Dichlorobenzidine	14.14	252	205285	31.541	ng	#	95
82) Chrysene	14.22	228	587870	35.307	ng		100
83) Bis(2-ethylhexyl)phthalate	14.15	149	496562	46.092	ng		100
84) Di-n-octyl phthalate	14.77	149	715930	43.574	ng		97
85) Indeno(1,2,3-cd)pyrene	17.37	276	655369	45.428	ng	#	91
87) Benzo(b)fluoranthene	15.28	252	627664m	33.447	ng		
88) Benzo(k)fluoranthene	15.31	252	533910	30.950	ng	#	96
89) Benzo(a)pyrene	15.68	252	571551	34.012	ng		97
90) Dibenzo(a,h)anthracene	17.38	278	552044	39.703	ng	#	94
91) Benzo(g,h,i)perylene	17.86	276	525054	38.350	ng	#	89

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

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