Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100218\
Data File : BF109517.D
Acq On : 2 Oct 2018 22:11
Operator : JU/SJ
Sample : PB113418BS
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB113418BS

Manual Integrations APPROVED
Sohil
10/3/2018 9:31:06 AM

Quant Time: Oct 03 04:49:27 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 22 13:32:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	102587	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	390998	20.00	ng		0.00
38) Acenaphthene-d10	9.73	164	184678	20.00	ng		0.00
63) Phenanthrene-d10	11.21	188	325542	20.00	ng		0.00
75) Chrysene-d12	13.84	240	222459	20.00	ng		0.00
86) Perylene-d12	15.24	264	248702	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	550534	88.39	ng		0.01
7) Phenol-d6	6.35	99	683413	85.99	ng		0.00
23) Nitrobenzene-d5	7.27	82	639626	96.57	ng		-0.01
41) 2,4,6-Tribromophenol	10.52	330	176805	97.12	ng		-0.01
44) 2-Fluorobiphenyl	9.06	172	1170436	95.58	ng		-0.01
78) Terphenyl-d14	12.79	244	981431	108.27	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.44	88	95805	33.399	ng		93
3) Pyridine	3.15	79	236092	31.978	ng		89
4) n-Nitrosodimethylamine	3.09	42	121867	38.787	ng	#	99
6) Aniline	6.37	93	245656	24.159	ng	#	1
8) 2-Chlorophenol	6.49	128	293798	42.418	ng		97
9) Benzaldehyde	6.25	77	128860	25.239	ng		98
10) Phenol	6.37	94	354890	39.430	ng		75
11) bis(2-Chloroethyl)ether	6.45	93	261387	37.114	ng		93
12) 1,3-Dichlorobenzene	6.65	146	320449	40.184	ng		98
13) 1,4-Dichlorobenzene	6.72	146	333082	41.459	ng		99
14) 1,2-Dichlorobenzene	6.87	146	298562	40.285	ng		98
15) Benzyl Alcohol	6.85	79	246984	40.599	ng		95
16) 2,2'-oxybis(1-Chloropropan	6.99	45	384409	38.480	ng		78
17) 2-Methylphenol	6.97	107	235872	42.088	ng	#	90
18) Hexachloroethane	7.22	117	115865	40.935	ng		96
19) n-Nitroso-di-n-propylamine	7.12	70	208624	40.060	ng		98
20) 3+4-Methylphenols	7.13	107	294203	43.481	ng		89
22) Acetophenone	7.12	105	414905	45.898	ng		98
24) Nitrobenzene	7.29	77	305960	43.444	ng		99
25) Isophorone	7.53	82	572745	48.020	ng		98
26) 2-Nitrophenol	7.60	139	149213	53.575	ng		99
27) 2,4-Dimethylphenol	7.65	122	260917	50.205	ng		99
28) bis(2-Chloroethoxy)methane	7.74	93	362115	45.864	ng		99
29) 2,4-Dichlorophenol	7.85	162	254261	46.565	ng		99
30) 1,2,4-Trichlorobenzene	7.93	180	259994	42.612	ng		98
31) Naphthalene	8.01	128	830952	45.479	ng		99
32) Benzoic acid	7.79	122	123129	36.725	ng		96
33) 4-Chloroaniline	8.06	127	111642	13.987	ng		99
34) Hexachlorobutadiene	8.13	225	155666	42.321	ng		99
35) Caprolactam	8.43	113	76020m	43.607	ng		
36) 4-Chloro-3-methylphenol	8.55	107	264743	46.076	ng		98
37) 2-Methylnaphthalene	8.70	142	559376	47.491	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	261053	44.416	ng		99
40) Hexachlorocyclopentadiene	8.86	237	146969	57.330	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	171863	45.561	ng		99
43) 2,4,5-Trichlorophenol	9.02	196	186607	46.840	ng		97
45) 1,1'-Biphenyl	9.16	154	678276	45.078	ng		97
46) 2-Chloronaphthalene	9.19	162	516228	42.945	ng		98
47) 2-Nitroaniline	9.28	65	159988	46.944	ng		93
48) Acenaphthylene	9.60	152	826450	45.574	ng		100
49) Dimethylphthalate	9.47	163	630900	46.969	ng		99
50) 2,6-Dinitrotoluene	9.53	165	130839	49.182	ng		95
51) Acenaphthene	9.77	154	467206	42.614	ng		99
52) 3-Nitroaniline	9.69	138	74414	24.154	ng		96
53) 2,4-Dinitrophenol	9.80	184	63268	68.442	ng	#	21
54) Dibenzofuran	9.94	168	696482	42.715	ng		96
55) 4-Nitrophenol	9.87	139	171629	73.952	ng		88
56) 2,4-Dinitrotoluene	9.93	165	162267	48.207	ng		91
57) Fluorene	10.28	166	536670	46.131	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	149472	47.385	ng		88
59) Diethylphthalate	10.16	149	612928	45.061	ng		97
60) 4-Chlorophenyl-phenylether	10.27	204	260246	42.829	ng		94
61) 4-Nitroaniline	10.30	138	124540	41.451	ng		91
62) Azobenzene	10.43	77	593809	42.018	ng		96
64) 4,6-Dinitro-2-methylphenol	10.34	198	50537	40.038	ng		86
65) n-Nitrosodiphenylamine	10.39	169	510611	47.473	ng		95
66) 4-Bromophenyl-phenylether	10.76	248	170799	47.247	ng	#	87
67) Hexachlorobenzene	10.83	284	172861	45.023	ng	#	89
68) Atrazine	10.92	200	168242	50.860	ng		97
69) Pentachlorophenol	11.03	266	160242	69.734	ng		98
70) Phenanthrene	11.24	178	748567	46.054	ng		99
71) Anthracene	11.29	178	788157	47.807	ng		99
72) Carbazole	11.45	167	670162	40.856	ng		100
73) Di-n-butylphthalate	11.78	149	911655	48.279	ng		99
74) Fluoranthene	12.42	202	727723	41.894	ng		95
76) Benzidine	12.54	184	301867	37.636	ng		98
77) Pyrene	12.65	202	717405	44.997	ng		100
79) Butylbenzylphthalate	13.27	149	333335	49.143	ng		98
80) Benzo(a)anthracene	13.83	228	580372	43.313	ng		100
81) 3,3'-Dichlorobenzidine	13.79	252	163188	32.046	ng		99
82) Chrysene	13.87	228	593241	44.669	ng		99
83) Bis(2-ethylhexyl)phthalate	13.83	149	430410	50.315	ng		98
84) Di-n-octyl phthalate	14.43	149	764136	52.244	ng		98
85) Indeno(1,2,3-cd)pyrene	16.59	276	565644	52.545	ng	#	93
87) Benzo(b)fluoranthene	14.84	252	619761	45.351	ng		98
88) Benzo(k)fluoranthene	14.87	252	613734m	47.327	ng		
89) Benzo(a)pyrene	15.19	252	592972	48.153	ng		97
90) Dibenzo(a,h)anthracene	16.60	278	484230	47.932	ng	#	94
91) Benzo(g,h,i)perylene	17.00	276	449488	45.271	ng	#	91

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

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