Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100118\
Data File : BF109479.D
Acq On : 1 Oct 2018 18:12
Operator : JU/SJ
Sample : J5145-01MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-PS-01-042MSD

Manual Integrations APPROVED
Sohil
10/2/2018 1:01:30 PM

Quant Time: Oct 02 03:46:54 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	104385	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	375391	20.00	ng		0.00
38) Acenaphthene-d10	9.74	164	159679	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	270055	20.00	ng		0.00
75) Chrysene-d12	13.84	240	223574	20.00	ng		0.00
86) Perylene-d12	15.24	264	174735	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	639547	100.91	ng		0.02
7) Phenol-d6	6.36	99	768894	95.08	ng		0.00
23) Nitrobenzene-d5	7.27	82	491443	77.28	ng		-0.01
41) 2,4,6-Tribromophenol	10.53	330	159191	101.13	ng		0.00
44) 2-Fluorobiphenyl	9.06	172	786892	74.32	ng		-0.01
78) Terphenyl-d14	12.80	244	665899	73.10	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.41	88	81257	27.839	ng		89
3) Pyridine	3.13	79	197613	26.305	ng		90
4) n-Nitrosodimethylamine	3.05	42	102268	31.989	ng	#	100
6) Aniline	6.37	93	253043	24.457	ng	#	23
8) 2-Chlorophenol	6.50	128	229573	32.575	ng		95
9) Benzaldehyde	6.25	77	113221	21.794	ng		99
10) Phenol	6.37	94	284388	31.053	ng	#	66
11) bis(2-Chloroethyl)ether	6.45	93	216142	30.161	ng		96
12) 1,3-Dichlorobenzene	6.65	146	252280	31.090	ng		98
13) 1,4-Dichlorobenzene	6.72	146	257511	31.501	ng		99
14) 1,2-Dichlorobenzene	6.88	146	235644	31.248	ng		96
15) Benzyl Alcohol	6.86	79	195918	31.650	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.99	45	301762	29.687	ng		77
17) 2-Methylphenol	6.97	107	183900	32.249	ng	#	94
18) Hexachloroethane	7.22	117	76751	26.649	ng		97
19) n-Nitroso-di-n-propylamine	7.12	70	161183	30.417	ng		99
20) 3+4-Methylphenols	7.13	107	232346	33.748	ng		92
22) Acetophenone	7.12	105	322489	37.158	ng		99
24) Nitrobenzene	7.29	77	239181	35.374	ng		96
25) Isophorone	7.53	82	430404	37.586	ng		97
26) 2-Nitrophenol	7.60	139	97602	36.501	ng		98
27) 2,4-Dimethylphenol	7.65	122	196841	39.450	ng		98
28) bis(2-Chloroethoxy)methane	7.74	93	273723	36.110	ng		99
29) 2,4-Dichlorophenol	7.85	162	183020	34.912	ng		99
30) 1,2,4-Trichlorobenzene	7.93	180	193359	33.008	ng		96
31) Naphthalene	8.01	128	625937	35.682	ng		99
32) Benzoic acid	7.75	122	40841m	17.136	ng		
33) 4-Chloroaniline	8.06	127	181068	23.628	ng		97
34) Hexachlorobutadiene	8.13	225	116351	32.948	ng		98
35) Caprolactam	8.42	113	55079	32.908	ng	#	83
36) 4-Chloro-3-methylphenol	8.55	107	182143	33.018	ng		100
37) 2-Methylnaphthalene	8.70	142	407055	35.996	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	184799	36.365	ng		98
40) Hexachlorocyclopentadiene	8.86	237	32111	14.487	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	118934	36.465	ng		99
43) 2,4,5-Trichlorophenol	9.03	196	124289	36.082	ng		94
45) 1,1'-Biphenyl	9.16	154	473608	36.403	ng		97
46) 2-Chloronaphthalene	9.19	162	355561	34.210	ng		98
47) 2-Nitroaniline	9.29	65	114414	38.827	ng		97
48) Acenaphthylene	9.60	152	548380	34.975	ng		100
49) Dimethylphthalate	9.46	163	498507	42.923	ng		100
50) 2,6-Dinitrotoluene	9.53	165	81921	35.615	ng		93
51) Acenaphthene	9.77	154	313607	33.082	ng		98
52) 3-Nitroaniline	9.69	138	89752	33.693	ng		97
53) 2,4-Dinitrophenol	9.80	184	3338	12.159	ng	#	26
54) Dibenzofuran	9.95	168	461423	32.730	ng		100
55) 4-Nitrophenol	9.87	139	119770	59.686	ng		91
56) 2,4-Dinitrotoluene	9.93	165	98089	33.703	ng	#	98
57) Fluorene	10.29	166	346127	34.410	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.07	232	95281	34.934	ng	#	87
59) Diethylphthalate	10.16	149	407997	34.691	ng		98
60) 4-Chlorophenyl-phenylether	10.27	204	169003	32.167	ng		98
61) 4-Nitroaniline	10.30	138	89439	34.429	ng		96
62) Azobenzene	10.44	77	367683	30.091	ng		94
64) 4,6-Dinitro-2-methylphenol	10.34	198	4913	10.448	ng		90
65) n-Nitrosodiphenylamine	10.40	169	324794	36.402	ng		97
66) 4-Bromophenyl-phenylether	10.76	248	104672	34.904	ng		91
67) Hexachlorobenzene	10.83	284	109229	34.295	ng		93
68) Atrazine	10.92	200	101942	37.149	ng		98
69) Pentachlorophenol	11.03	266	108665	57.005	ng		98
70) Phenanthrene	11.24	178	477326	35.400	ng		98
71) Anthracene	11.29	178	496745	36.322	ng		99
72) Carbazole	11.45	167	448599	32.968	ng		98
73) Di-n-butylphthalate	11.78	149	574921	36.702	ng		99
74) Fluoranthene	12.42	202	517177	35.891	ng		97
76) Benzidine	12.55	184	417161	51.751	ng		97
77) Pyrene	12.65	202	519751	32.437	ng		99
79) Butylbenzylphthalate	13.27	149	242820	35.620	ng		97
80) Benzo(a)anthracene	13.84	228	441387	32.777	ng		98
81) 3,3'-Dichlorobenzidine	13.80	252	182309	35.622	ng		98
82) Chrysene	13.87	228	438588	32.859	ng		98
83) Bis(2-ethylhexyl)phthalate	13.83	149	325662	37.880	ng		98
84) Di-n-octyl phthalate	14.44	149	572831	38.969	ng		98
85) Indeno(1,2,3-cd)pyrene	16.60	276	303146	28.020	ng	#	93
87) Benzo(b)fluoranthene	14.85	252	342904	35.713	ng		98
88) Benzo(k)fluoranthene	14.88	252	338148	37.114	ng	#	96
89) Benzo(a)pyrene	15.19	252	305645	35.327	ng		97
90) Dibenzo(a,h)anthracene	16.62	278	255433	35.987	ng	#	95
91) Benzo(g,h,i)perylene	17.01	276	249101	35.709	ng	#	90

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

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