Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082018\

Quantitation Report (QT Reviewed)

Data File : BF108310.D
Acq On : 21 Aug 2018 00:22
Operator : JU/SJ
Sample : J4501-05MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-081318-FL-020MSD

Quant Time: Aug 21 04:45:08 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 08 12:24:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	176671	20.00	ng		0.00
21) Naphthalene-d8	8.31	136	597695	20.00	ng		0.00
38) Acenaphthene-d10	10.07	164	255024	20.00	ng		0.00
63) Phenanthrene-d10	11.57	188	441775	20.00	ng		0.00
75) Chrysene-d12	14.22	240	295501	20.00	ng		0.00
86) Perylene-d12	15.78	264	228852	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	1272687	130.42	ng		0.03
7) Phenol-d6	6.65	99	1650657	127.29	ng		0.02
23) Nitrobenzene-d5	7.59	82	1050743	98.10	ng		0.01
41) 2,4,6-Tribromophenol	10.87	330	342663	134.71	ng		0.00
44) 2-Fluorobiphenyl	9.38	172	1712794	107.83	ng		0.00
78) Terphenyl-d14	13.15	244	1425514	122.65	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.98	88	150930	30.101	ng		90
3) Pyridine	3.75	79	432515	33.485	ng		89
4) n-Nitrosodimethylamine	3.71	42	264080	36.334	ng	#	86
6) Aniline	6.69	93	574707	32.582	ng		98
8) 2-Chlorophenol	6.81	128	434106	39.498	ng		98
9) Benzaldehyde	6.58	77	267941	26.650	ng		99
10) Phenol	6.67	94	575117	42.876	ng		88
11) bis(2-Chloroethyl)ether	6.75	93	432118	39.848	ng		94
12) 1,3-Dichlorobenzene	6.97	146	492076	38.722	ng		100
13) 1,4-Dichlorobenzene	7.04	146	500628	39.210	ng		98
14) 1,2-Dichlorobenzene	7.20	146	461252	38.838	ng		98
15) Benzyl Alcohol	7.16	79	408536	37.423	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.29	45	774844	34.684	ng		99
17) 2-Methylphenol	7.27	107	361159	38.319	ng		94
18) Hexachloroethane	7.53	117	128016	28.163	ng		96
19) n-Nitroso-di-n-propylamine	7.43	70	321787	36.696	ng		93
20) 3+4-Methylphenols	7.42	107	452086	37.431	ng	#	86
22) Acetophenone	7.43	105	619688	44.341	ng	#	94
24) Nitrobenzene	7.61	77	468962	43.297	ng		96
25) Isophorone	7.84	82	848677	41.570	ng		97
26) 2-Nitrophenol	7.92	139	135868	33.217	ng		95
27) 2,4-Dimethylphenol	7.95	122	383026	42.271	ng		98
28) bis(2-Chloroethoxy)methane	8.04	93	522501	43.840	ng		99
29) 2,4-Dichlorophenol	8.16	162	354997	42.573	ng		97
30) 1,2,4-Trichlorobenzene	8.24	180	386172	42.004	ng		99
31) Naphthalene	8.33	128	1163492	42.804	ng		100
32) Benzoic acid	8.01	122	24995	10.136	ng		97
33) 4-Chloroaniline	8.37	127	434658	36.693	ng		97
34) Hexachlorobutadiene	8.44	225	249865	42.932	ng		98
35) Caprolactam	8.74	113	97517	37.318	ng		88
36) 4-Chloro-3-methylphenol	8.85	107	351156	39.036	ng		98
37) 2-Methylnaphthalene	9.02	142	761362	39.589	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	376701	48.101	ng	#	97
40) Hexachlorocyclopentadiene	9.16	237	30968	6.122	ng		94

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Quant Time: Aug 21 04:45:08 2018
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.30	196	232682	47.878	ng		99
43) 2,4,5-Trichlorophenol	9.34	196	242369	45.304	ng		97
45) 1,1'-Biphenyl	9.48	154	886409	47.142	ng		98
46) 2-Chloronaphthalene	9.51	162	677712	45.603	ng		97
47) 2-Nitroaniline	9.61	65	249337	51.853	ng		90
48) Acenaphthylene	9.93	152	1028108	43.760	ng		100
49) Dimethylphthalate	9.78	163	992035	55.844	ng	#	99
50) 2,6-Dinitrotoluene	9.84	165	144042	38.755	ng	#	86
51) Acenaphthene	10.10	154	584305	40.604	ng		99
52) 3-Nitroaniline	10.02	138	202207	49.725	ng		95
53) 2,4-Dinitrophenol	10.12	184	1982	8.321	ng	#	21
54) Dibenzofuran	10.27	168	886230	42.509	ng		97
55) 4-Nitrophenol	10.18	139	217655	70.681	ng		86
56) 2,4-Dinitrotoluene	10.25	165	167464	35.004	ng	#	96
57) Fluorene	10.62	166	681275	41.280	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.39	232	181432	40.575	ng	#	86
59) Diethylphthalate	10.48	149	761667	44.278	ng		97
60) 4-Chlorophenyl-phenylether	10.61	204	354107	41.177	ng		90
61) 4-Nitroaniline	10.64	138	197489	49.121	ng		94
62) Azobenzene	10.77	77	689856	38.832	ng		93
64) 4,6-Dinitro-2-methylphenol	10.67	198	3835	7.413	ng		84
65) n-Nitrosodiphenylamine	10.72	169	627770	48.087	ng		96
66) 4-Bromophenyl-phenylether	11.10	248	221703	46.179	ng		90
67) Hexachlorobenzene	11.17	284	217198	42.998	ng	#	86
68) Atrazine	11.25	200	183017	41.797	ng		95
69) Pentachlorophenol	11.37	266	181263	74.971	ng		98
70) Phenanthrene	11.59	178	923475	44.319	ng		100
71) Anthracene	11.64	178	941631	44.091	ng		100
72) Carbazole	11.80	167	847182	44.648	ng		99
73) Di-n-butylphthalate	12.11	149	1034475	48.133	ng		99
74) Fluoranthene	12.78	202	953917	41.947	ng		96
76) Benzidine	12.91	184	688863	62.393	ng		97
77) Pyrene	13.02	202	932743	49.857	ng		99
79) Butylbenzylphthalate	13.62	149	401683	54.071	ng	#	95
80) Benzo(a)anthracene	14.21	228	729720	43.029	ng		99
81) 3,3'-Dichlorobenzidine	14.17	252	288476	47.466	ng	#	97
82) Chrysene	14.25	228	668196	42.977	ng		99
83) Bis(2-ethylhexyl)phthalate	14.17	149	519983	51.689	ng		100
84) Di-n-octyl phthalate	14.79	149	816031	53.188	ng		97
85) Indeno(1,2,3-cd)pyrene	17.42	276	541722	40.213	ng	#	90
87) Benzo(b)fluoranthene	15.31	252	601371	43.976	ng	#	97
88) Benzo(k)fluoranthene	15.35	252	531721	42.299	ng	#	95
89) Benzo(a)pyrene	15.72	252	522973	42.708	ng	#	97
90) Dibenzo(a,h)anthracene	17.43	278	456878	45.093	ng	#	94
91) Benzo(g,h,i)perylene	17.92	276	449385	45.043	ng	#	90

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

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