Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091918\
Data File : BF109176.D
Acq On : 20 Sep 2018 5:59
Operator : JU/SJ
Sample : PB112999BS
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB112999BS

Manual Integrations APPROVED
Sohil
9/20/2018 10:06:58 AM

Quant Time: Sep 20 08:41:38 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 14 13:26:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	125291	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	453459	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	195393	20.00	ng		0.00
63) Phenanthrene-d10	11.23	188	323344	20.00	ng		0.00
75) Chrysene-d12	13.85	240	273698	20.00	ng		0.00
86) Perylene-d12	15.25	264	260851	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	546768	72.48	ng		0.01
7) Phenol-d6	6.36	99	676387	69.54	ng		0.00
23) Nitrobenzene-d5	7.28	82	611764	75.67	ng		0.00
41) 2,4,6-Tribromophenol	10.54	330	130904	61.73	ng		0.00
44) 2-Fluorobiphenyl	9.08	172	1080898	86.67	ng		0.00
78) Terphenyl-d14	12.81	244	922505	79.89	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.47	88	107575	29.958	ng		94
3) Pyridine	3.18	79	300873	31.607	ng		90
4) n-Nitrosodimethylamine	3.11	42	141326	39.310	ng	#	98
6) Aniline	6.38	93	192192	15.286	ng	#	76
8) 2-Chlorophenol	6.51	128	292751	34.678	ng		96
9) Benzaldehyde	6.26	77	116514	18.755	ng		98
10) Phenol	6.37	94	357231	32.639	ng		89
11) bis(2-Chloroethyl)ether	6.45	93	291518	33.856	ng		98
12) 1,3-Dichlorobenzene	6.66	146	331367	34.323	ng		97
13) 1,4-Dichlorobenzene	6.74	146	332251	34.304	ng		99
14) 1,2-Dichlorobenzene	6.90	146	309036	34.417	ng		97
15) Benzyl Alcohol	6.87	79	255195	34.557	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	409472	33.190	ng		94
17) 2-Methylphenol	6.98	107	236783	34.379	ng		97
18) Hexachloroethane	7.24	117	116146	33.018	ng		98
19) n-Nitroso-di-n-propylamine	7.14	70	213859	33.261	ng		96
20) 3+4-Methylphenols	7.13	107	281884	33.982	ng	#	55
22) Acetophenone	7.13	105	402612	39.096	ng	#	93
24) Nitrobenzene	7.30	77	305403	36.639	ng		100
25) Isophorone	7.54	82	570320	41.038	ng		98
26) 2-Nitrophenol	7.62	139	102538	26.344	ng		98
27) 2,4-Dimethylphenol	7.66	122	252881	41.419	ng		99
28) bis(2-Chloroethoxy)methane	7.75	93	361029	38.604	ng		99
29) 2,4-Dichlorophenol	7.86	162	224282	34.472	ng		99
30) 1,2,4-Trichlorobenzene	7.95	180	255038	36.264	ng		96
31) Naphthalene	8.02	128	829539	39.414	ng		100
32) Benzoic acid	7.74	122	65645m	16.455	ng		
33) 4-Chloroaniline	8.07	127	96650	10.328	ng		96
34) Hexachlorobutadiene	8.15	225	158897	37.008	ng		97
35) Caprolactam	8.44	113	64174m	30.254	ng		
36) 4-Chloro-3-methylphenol	8.56	107	224072	32.716	ng		99
37) 2-Methylnaphthalene	8.71	142	540639	39.406	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	239057	38.872	ng		98
40) Hexachlorocyclopentadiene	8.87	237	115709	37.343	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	145975	35.314	ng		100
43) 2,4,5-Trichlorophenol	9.04	196	146158	33.836	ng		94
45) 1,1'-Biphenyl	9.18	154	618548	39.569	ng		99
46) 2-Chloronaphthalene	9.20	162	479465	38.298	ng		97
47) 2-Nitroaniline	9.29	65	142445	37.011	ng		92
48) Acenaphthylene	9.61	152	745598	39.501	ng		100
49) Dimethylphthalate	9.48	163	563698	40.364	ng		100
50) 2,6-Dinitrotoluene	9.54	165	104627	33.783	ng		96
51) Acenaphthene	9.78	154	436195	37.112	ng		98
52) 3-Nitroaniline	9.70	138	109276	29.964	ng		98
53) 2,4-Dinitrophenol	9.81	184	13665	11.449	ng	#	21
54) Dibenzofuran	9.95	168	622357	36.642	ng		97
55) 4-Nitrophenol	9.86	139	116473	43.348	ng		92
56) 2,4-Dinitrotoluene	9.94	165	125347	30.947	ng	#	94
57) Fluorene	10.29	166	458034	40.467	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	105848	29.594	ng		91
59) Diethylphthalate	10.18	149	540058	38.295	ng		96
60) 4-Chlorophenyl-phenylether	10.29	204	228926	37.771	ng		96
61) 4-Nitroaniline	10.31	138	110644	31.934	ng		100
62) Azobenzene	10.45	77	505857	35.042	ng		97
64) 4,6-Dinitro-2-methylphenol	10.34	198	14118	9.126	ng		85
65) n-Nitrosodiphenylamine	10.41	169	437518	41.366	ng		95
66) 4-Bromophenyl-phenylether	10.78	248	145925	40.031	ng	#	90
67) Hexachlorobenzene	10.85	284	151339	38.814	ng	#	89
68) Atrazine	10.94	200	134074	39.599	ng		98
69) Pentachlorophenol	11.04	266	97838	39.219	ng		98
70) Phenanthrene	11.25	178	651869	41.127	ng		99
71) Anthracene	11.31	178	663340	41.285	ng		100
72) Carbazole	11.45	167	587217	36.920	ng		99
73) Di-n-butylphthalate	11.79	149	748103	40.181	ng		99
74) Fluoranthene	12.44	202	679662	40.617	ng		96
76) Benzidine	12.55	184	183304	18.920	ng		99
77) Pyrene	12.66	202	689809	33.931	ng		100
79) Butylbenzylphthalate	13.28	149	310860	34.235	ng		96
80) Benzo(a)anthracene	13.84	228	651316	39.306	ng		99
81) 3,3'-Dichlorobenzidine	13.81	252	115050	17.206	ng	#	97
82) Chrysene	13.88	228	638663	38.523	ng		99
83) Bis(2-ethylhexyl)phthalate	13.85	149	404347	36.778	ng		98
84) Di-n-octyl phthalate	14.45	149	778093	41.729	ng		98
85) Indeno(1,2,3-cd)pyrene	16.61	276	495441	37.379	ng	#	93
87) Benzo(b)fluoranthene	14.86	252	590226	40.900	ng		98
88) Benzo(k)fluoranthene	14.89	252	579751m	43.013	ng		
89) Benzo(a)pyrene	15.20	252	532547	41.555	ng		98
90) Dibenzo(a,h)anthracene	16.62	278	419288	38.942	ng	#	95
91) Benzo(g,h,i)perylene	17.01	276	400223	37.180	ng	#	92

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

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