Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112718\
Data File : BF111037.D
Acq On : 28 Nov 2018 4:49
Operator : JU/SJ
Sample : PB115099BS
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB115099BS

Quant Time: Nov 28 06:11:37 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 27 15:32:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	50216	20.00	ng		0.00
21) Naphthalene-d8	8.22	136	187389	20.00	ng		0.00
39) Acenaphthene-d10	9.98	164	74872	20.00	ng		0.00
64) Phenanthrene-d10	11.47	188	134234	20.00	ng		0.00
76) Chrysene-d12	14.13	240	107659	20.00	ng		0.00
87) Perylene-d12	15.67	264	70253	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	225303	74.40	ng		0.01
7) Phenol-d6	6.57	99	266782	67.61	ng		0.00
23) Nitrobenzene-d5	7.50	82	235529	71.93	ng		0.00
42) 2,4,6-Tribromophenol	10.77	330	48657	65.44	ng		0.00
45) 2-Fluorobiphenyl	9.29	172	409702	79.28	ng		0.00
79) Terphenyl-d14	13.06	244	391993	70.88	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.82	88	41349	28.502	ng		89
3) Pyridine	3.61	79	104617	32.932	ng	#	84
4) n-Nitrosodimethylamine	3.57	42	52643	36.215	ng	#	88
6) Aniline	6.60	93	68111	13.962	ng	#	64
8) 2-Chlorophenol	6.72	128	121090	33.742	ng		94
9) Benzaldehyde	6.50	77	75241	34.362	ng		98
10) Phenol	6.58	94	142420	32.047	ng	#	67
11) bis(2-Chloroethyl)ether	6.67	93	112523	33.608	ng		94
12) 1,3-Dichlorobenzene	6.87	146	128916	32.699	ng		99
13) 1,4-Dichlorobenzene	6.95	146	132604	32.708	ng		98
14) 1,2-Dichlorobenzene	7.10	146	122824	32.188	ng		98
15) Benzyl Alcohol	7.09	79	96792	31.917	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.20	45	171879	32.257	ng		82
17) 2-Methylphenol	7.19	107	90213	31.616	ng	#	87
18) Hexachloroethane	7.44	117	38627	25.901	ng		94
19) n-Nitroso-di-n-propylamine	7.35	70	81504	31.707	ng		96
20) 3+4-Methylphenols	7.35	107	120734	31.831	ng	#	48
22) Acetophenone	7.35	105	164584	37.471	ng	#	93
24) Nitrobenzene	7.52	77	116291	34.153	ng		97
25) Isophorone	7.76	82	209352	38.978	ng		96
26) 2-Nitrophenol	7.84	139	47772	28.878	ng		99
27) 2,4-Dimethylphenol	7.87	122	99162	39.693	ng		98
28) bis(2-Chloroethoxy)methane	7.96	93	133458	37.090	ng		98
29) 2,4-Dichlorophenol	8.09	162	85405	32.670	ng		99
30) 1,2,4-Trichlorobenzene	8.16	180	98789	33.720	ng		95
31) Naphthalene	8.24	128	315344	35.900	ng		100
32) Benzoic acid	7.99	122	34107	18.363	ng		94
33) 4-Chloroaniline	8.30	127	40710	10.889	ng		99
34) Hexachlorobutadiene	8.35	225	56609	33.925	ng		97
35) Caprolactam	8.66	113	24897	27.896	ng	#	83
36) 4-Chloro-3-methylphenol	8.78	107	87902	30.263	ng		93
37) 2-Methylnaphthalene	8.93	142	202380	34.882	ng		98
38) 1-Methylnaphthalene	9.03	142	185251	32.826	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	82825	35.166	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	9.22	196	50979	36.241	ng		98
44) 2,4,5-Trichlorophenol	9.27	196	52438	35.403	ng		94
46) 1,1'-Biphenyl	9.40	154	236609	34.278	ng		99
47) 2-Chloronaphthalene	9.43	162	173119	34.590	ng		98
48) 2-Nitroaniline	9.53	65	54496	34.811	ng		93
49) Acenaphthylene	9.85	152	260754	36.639	ng		100
50) Dimethylphthalate	9.69	163	202890	36.949	ng		99
51) 2,6-Dinitrotoluene	9.77	165	38295	31.327	ng		93
52) Acenaphthene	10.01	154	156360	34.271	ng		98
53) 3-Nitroaniline	9.95	138	38117	26.753	ng		99
54) 2,4-Dinitrophenol	10.12	184	942	5.797	ng	#	1
55) Dibenzofuran	10.19	168	220146	33.075	ng		99
56) 4-Nitrophenol	10.12	139	42117	54.596	ng		92
57) 2,4-Dinitrotoluene	10.19	165	45437	28.649	ng	#	80
58) Fluorene	10.53	166	177219	34.222	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.31	232	43018	35.389	ng		95
60) Diethylphthalate	10.39	149	193545	34.180	ng		99
61) 4-Chlorophenyl-phenylether	10.52	204	84767	31.295	ng		99
62) 4-Nitroaniline	10.57	138	44685	33.684	ng		96
63) Azobenzene	10.67	77	172094	31.180	ng		96
65) 4,6-Dinitro-2-methylphenol	10.63	198	1011	1.592	ng	#	1
66) n-Nitrosodiphenylamine	10.64	169	153756	34.408	ng		98
67) 4-Bromophenyl-phenylether	11.01	248	47252	32.322	ng		96
68) Hexachlorobenzene	11.09	284	51267	32.924	ng		95
69) Atrazine	11.16	200	49890	39.507	ng		97
70) Pentachlorophenol	11.29	266	38165	61.605	ng		98
71) Phenanthrene	11.50	178	258279	36.329	ng		99
72) Anthracene	11.56	178	274732	37.945	ng		98
73) Carbazole	11.72	167	245709	34.964	ng		98
74) Di-n-butylphthalate	12.02	149	297715	36.234	ng		99
75) Fluoranthene	12.70	202	290621	39.773	ng		98
77) Benzidine	12.82	184	190792	69.286	ng		96
78) Pyrene	12.93	202	293960	37.385	ng		97
80) Butylbenzylphthalate	13.52	149	137043	38.603	ng		99
81) Benzo(a)anthracene	14.12	228	233201	36.690	ng		100
82) 3,3'-Dichlorobenzidine	14.08	252	76978	35.321	ng		98
83) Chrysene	14.16	228	215957	34.515	ng		99
84) Bis(2-ethylhexyl)phthalate	14.07	149	190802	40.335	ng		98
85) Di-n-octyl phthalate	14.69	149	309542	41.455	ng		99
86) Indeno(1,2,3-cd)pyrene	17.26	276	150789	33.574	ng		99
88) Benzo(b)fluoranthene	15.21	252	159410	38.625	ng		99
89) Benzo(k)fluoranthene	15.24	252	157419	37.058	ng		98
90) Benzo(a)pyrene	15.61	252	144070	37.502	ng		97
91) Dibenzo(a,h)anthracene	17.26	278	125195	39.498	ng		99
92) Benzo(g,h,i)perylene	17.76	276	123004	40.248	ng		96

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

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