Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112718\
Data File : BF111038.D
Acq On : 28 Nov 2018 5:16
Operator : JU/SJ
Sample : PB115099BSD
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB115099BSD

Manual Integrations APPROVED
mohammad
11/28/2018 4:57:03 PM

Quant Time: Nov 28 06:23:38 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	46802	20.00	ng		0.00
21) Naphthalene-d8	8.22	136	177655	20.00	ng		0.00
39) Acenaphthene-d10	9.98	164	69335	20.00	ng		0.00
64) Phenanthrene-d10	11.47	188	125530	20.00	ng		0.00
76) Chrysene-d12	14.13	240	98235	20.00	ng		0.00
87) Perylene-d12	15.67	264	65178	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	222948	79.00	ng		0.01
7) Phenol-d6	6.57	99	265693	72.24	ng		0.00
23) Nitrobenzene-d5	7.50	82	234478	75.54	ng		0.00
42) 2,4,6-Tribromophenol	10.77	330	46613	67.69	ng		0.00
45) 2-Fluorobiphenyl	9.29	172	405387	84.71	ng		0.00
79) Terphenyl-d14	13.06	244	379373	75.18	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.82	88	39737	29.389	ng	#	82
3) Pyridine	3.61	79	103411	34.927	ng		86
4) n-Nitrosodimethylamine	3.57	42	52124	38.473	ng		88
6) Aniline	6.61	93	51105	11.240	ng	#	62
8) 2-Chlorophenol	6.72	128	119034	35.589	ng		95
9) Benzaldehyde	6.50	77	73163	36.334	ng		96
10) Phenol	6.58	94	137769	33.262	ng	#	67
11) bis(2-Chloroethyl)ether	6.67	93	111660	35.783	ng		94
12) 1,3-Dichlorobenzene	6.87	146	127196	34.616	ng		99
13) 1,4-Dichlorobenzene	6.95	146	131841	34.891	ng		98
14) 1,2-Dichlorobenzene	7.10	146	121798	34.248	ng		98
15) Benzyl Alcohol	7.08	79	95939	33.943	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.20	45	170651	34.363	ng		82
17) 2-Methylphenol	7.19	107	89020	33.474	ng	#	88
18) Hexachloroethane	7.44	117	38408	27.633	ng		96
19) n-Nitroso-di-n-propylamine	7.34	70	79642	33.243	ng		95
20) 3+4-Methylphenols	7.35	107	119021	33.668	ng	#	49
22) Acetophenone	7.35	105	161816	38.859	ng	#	92
24) Nitrobenzene	7.52	77	114762	35.551	ng		96
25) Isophorone	7.76	82	204224	40.107	ng		97
26) 2-Nitrophenol	7.84	139	47349	30.191	ng		99
27) 2,4-Dimethylphenol	7.87	122	97766	41.279	ng		97
28) bis(2-Chloroethoxy)methane	7.96	93	131441	38.531	ng		100
29) 2,4-Dichlorophenol	8.09	162	85449	34.478	ng		97
30) 1,2,4-Trichlorobenzene	8.16	180	96380	34.700	ng		95
31) Naphthalene	8.24	128	309825	37.204	ng		99
32) Benzoic acid	7.99	122	36196m	20.556	ng		
33) 4-Chloroaniline	8.31	127	30822	8.696	ng		98
34) Hexachlorobutadiene	8.35	225	55661	35.185	ng		98
35) Caprolactam	8.66	113	23985	28.347	ng		94
36) 4-Chloro-3-methylphenol	8.78	107	85938	31.208	ng		94
37) 2-Methylnaphthalene	8.93	142	196877	35.792	ng		99
38) 1-Methylnaphthalene	9.03	142	182636	34.136	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	81090	37.178	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	9.22	196	47950	36.810	ng		94
44) 2,4,5-Trichlorophenol	9.27	196	50892	37.103	ng		94
46) 1,1'-Biphenyl	9.40	154	228728	35.782	ng		99
47) 2-Chloronaphthalene	9.43	162	169453	36.561	ng		99
48) 2-Nitroaniline	9.53	65	54393	37.520	ng		95
49) Acenaphthylene	9.85	152	253065	38.398	ng		99
50) Dimethylphthalate	9.69	163	197035	38.748	ng		100
51) 2,6-Dinitrotoluene	9.77	165	36661	32.385	ng		96
52) Acenaphthene	10.01	154	151791	35.927	ng		98
53) 3-Nitroaniline	9.95	138	34710	26.307	ng		90
54) 2,4-Dinitrophenol	10.12	184	765	5.541	ng	#	1
55) Dibenzofuran	10.19	168	217793	35.335	ng		98
56) 4-Nitrophenol	10.12	139	43249	60.079	ng		92
57) 2,4-Dinitrotoluene	10.19	165	44056	29.996	ng	#	80
58) Fluorene	10.53	166	174052	36.294	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.32	232	41138	36.545	ng		96
60) Diethylphthalate	10.39	149	188231	35.896	ng		99
61) 4-Chlorophenyl-phenylether	10.52	204	82684	32.964	ng		98
62) 4-Nitroaniline	10.57	138	42271	34.409	ng		94
63) Azobenzene	10.67	77	169561	33.175	ng		96
65) 4,6-Dinitro-2-methylphenol	10.63	198	668	1.125	ng	#	1
66) n-Nitrosodiphenylamine	10.63	169	150597	36.038	ng		98
67) 4-Bromophenyl-phenylether	11.01	248	47384	34.660	ng		96
68) Hexachlorobenzene	11.09	284	48280	33.155	ng		95
69) Atrazine	11.16	200	48514	42.547	ng		99
70) Pentachlorophenol	11.29	266	37410	64.573	ng		97
71) Phenanthrene	11.50	178	253314	38.101	ng		98
72) Anthracene	11.56	178	265150	39.161	ng		98
73) Carbazole	11.72	167	233677	35.558	ng		99
74) Di-n-butylphthalate	12.02	149	286508	37.288	ng		99
75) Fluoranthene	12.70	202	280946	41.115	ng		99
77) Benzidine	12.82	184	171609	68.298	ng		97
78) Pyrene	12.93	202	288954	40.273	ng		98
80) Butylbenzylphthalate	13.52	149	130561	40.305	ng		100
81) Benzo(a)anthracene	14.12	228	226390	39.035	ng		99
82) 3,3'-Dichlorobenzidine	14.08	252	73977	37.200	ng		97
83) Chrysene	14.16	228	214830	37.628	ng		97
84) Bis(2-ethylhexyl)phthalate	14.07	149	184209	42.678	ng		99
85) Di-n-octyl phthalate	14.69	149	300972	44.174	ng		98
86) Indeno(1,2,3-cd)pyrene	17.27	276	145848	35.589	ng		98
88) Benzo(b)fluoranthene	15.22	252	150880	39.405	ng		99
89) Benzo(k)fluoranthene	15.24	252	151702	38.492	ng		98
90) Benzo(a)pyrene	15.61	252	140153	39.323	ng		99
91) Dibenzo(a,h)anthracene	17.27	278	121535	41.329	ng		99
92) Benzo(g,h,i)perylene	17.76	276	119789	42.248	ng		98

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

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