Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122118\
Data File : BF111704.D
Acq On : 21 Dec 2018 22:59
Operator : JU/SJ
Sample : PB115917BS
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB115917BS

Manual Integrations APPROVED
Sohil
12/26/2018 3:11:00 PM

Quant Time: Dec 22 00:52:00 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 19 17:39:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	146665	20.00	ng		0.00
21) Naphthalene-d8	8.19	136	502965	20.00	ng		0.00
39) Acenaphthene-d10	9.95	164	217228	20.00	ng		0.01
64) Phenanthrene-d10	11.43	188	380363	20.00	ng		0.01
76) Chrysene-d12	14.07	240	261098	20.00	ng		0.02
87) Perylene-d12	15.54	264	207480	20.00	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	1183073	137.50	ng		0.03
7) Phenol-d6	6.55	99	1453276	132.71	ng		0.02
23) Nitrobenzene-d5	7.46	82	918453	106.29	ng		0.00
42) 2,4,6-Tribromophenol	10.73	330	368799	143.69	ng		0.01
45) 2-Fluorobiphenyl	9.26	172	1598021	107.23	ng		0.00
79) Terphenyl-d14	13.01	244	1554218	112.89	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.75	88	134449	33.211	ng		96
3) Pyridine	3.52	79	402302	38.144	ng		97
4) n-Nitrosodimethylamine	3.45	42	250251	48.483	ng		86
6) Aniline	6.56	93	329679	23.619	ng	#	1
8) 2-Chlorophenol	6.70	128	428258	44.931	ng		96
9) Benzaldehyde	6.45	77	330920	43.940	ng		96
10) Phenol	6.56	94	505788	40.936	ng		86
11) bis(2-Chloroethyl)ether	6.64	93	406131	43.865	ng		99
12) 1,3-Dichlorobenzene	6.85	146	481545	43.594	ng		98
13) 1,4-Dichlorobenzene	6.92	146	492846	43.994	ng		96
14) 1,2-Dichlorobenzene	7.07	146	458418	43.860	ng		97
15) Benzyl Alcohol	7.05	79	348343	40.054	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.18	45	680316	39.897	ng		99
17) 2-Methylphenol	7.16	107	333833	43.740	ng		93
18) Hexachloroethane	7.42	117	100949	26.741	ng		91
19) n-Nitroso-di-n-propylamine	7.32	70	300904	41.376	ng		97
20) 3+4-Methylphenols	7.31	107	409006	42.412	ng	#	80
22) Acetophenone	7.31	105	572543	44.933	ng	#	95
24) Nitrobenzene	7.48	77	448114	49.480	ng		98
25) Isophorone	7.72	82	778108	50.724	ng		98
26) 2-Nitrophenol	7.80	139	196699	53.553	ng	#	93
27) 2,4-Dimethylphenol	7.84	122	346994	47.924	ng		94
28) bis(2-Chloroethoxy)methane	7.93	93	486336	47.643	ng		97
29) 2,4-Dichlorophenol	8.05	162	340899	43.774	ng		97
30) 1,2,4-Trichlorobenzene	8.13	180	388785	44.799	ng		98
31) Naphthalene	8.21	128	1156770	47.866	ng		97
32) Benzoic acid	7.95	122	196936	41.137	ng		91
33) 4-Chloroaniline	8.25	127	117960	11.293	ng		98
34) Hexachlorobutadiene	8.33	225	236277	44.672	ng		97
35) Caprolactam	8.62	113	103089	39.065	ng		93
36) 4-Chloro-3-methylphenol	8.74	107	317355	41.455	ng		98
37) 2-Methylnaphthalene	8.90	142	748194	47.586	ng		98
38) 1-Methylnaphthalene	9.00	142	704640	46.663	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.07	216	359025	50.297	ng	#	97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.06	237	21428	6.186	ng		98
43) 2,4,6-Trichlorophenol	9.18	196	230704	48.409	ng		99
44) 2,4,5-Trichlorophenol	9.22	196	230433	47.131	ng		92
46) 1,1'-Biphenyl	9.36	154	901448	49.159	ng		95
47) 2-Chloronaphthalene	9.39	162	683525	47.047	ng		95
48) 2-Nitroaniline	9.48	65	217894	57.650	ng		95
49) Acenaphthylene	9.80	152	1061932	50.062	ng		95
50) Dimethylphthalate	9.66	163	820961	51.681	ng		98
51) 2,6-Dinitrotoluene	9.72	165	163418	51.592	ng	#	88
52) Acenaphthene	9.97	154	610756	46.683	ng		98
53) 3-Nitroaniline	9.89	138	143109	42.363	ng		96
54) 2,4-Dinitrophenol	9.99	184	14137	19.944	ng	#	1
55) Dibenzofuran	10.15	168	928562	46.978	ng		95
56) 4-Nitrophenol	10.06	139	246205	95.501	ng		91
57) 2,4-Dinitrotoluene	10.12	165	200161	52.578	ng	#	95
58) Fluorene	10.49	166	701913	49.281	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.27	232	200674	48.772	ng		89
60) Diethylphthalate	10.36	149	769634	49.391	ng		99
61) 4-Chlorophenyl-phenylether	10.48	204	357466	45.427	ng		93
62) 4-Nitroaniline	10.50	138	160312	48.827	ng		91
63) Azobenzene	10.64	77	680045	43.471	ng		96
65) 4,6-Dinitro-2-methylphenol	10.53	198	13828	14.263	ng		82
66) n-Nitrosodiphenylamine	10.60	169	618656	48.453	ng		98
67) 4-Bromophenyl-phenylether	10.97	248	221466	46.943	ng		97
68) Hexachlorobenzene	11.05	284	248722	47.284	ng	#	90
69) Atrazine	11.12	200	199782	45.040	ng		96
70) Pentachlorophenol	11.23	266	252983	77.795	ng		95
71) Phenanthrene	11.45	178	1026879	50.906	ng		94
72) Anthracene	11.50	178	1055028	52.107	ng		95
73) Carbazole	11.66	167	913490	46.470	ng		94
74) Di-n-butylphthalate	11.99	149	1101732	49.987	ng		96
75) Fluoranthene	12.64	202	1034869	50.662	ng		96
77) Benzidine	12.76	184	377385	38.411	ng		96
78) Pyrene	12.87	202	1014000	54.995	ng		97
80) Butylbenzylphthalate	13.48	149	436816	58.119	ng		94
81) Benzo(a)anthracene	14.06	228	758416	50.898	ng		99
82) 3,3'-Dichlorobenzidine	14.02	252	234772	39.877	ng	#	97
83) Chrysene	14.09	228	723080	49.373	ng		96
84) Bis(2-ethylhexyl)phthalate	14.04	149	546713	57.749	ng	#	99
85) Di-n-octyl phthalate	14.66	149	838147	57.142	ng		96
86) Indeno(1,2,3-cd)pyrene	17.04	276	602734	48.413	ng	#	87
88) Benzo(b)fluoranthene	15.11	252	643197	53.043	ng	#	96
89) Benzo(k)fluoranthene	15.14	252	588833m	51.007	ng		
90) Benzo(a)pyrene	15.49	252	572301	51.949	ng	#	94
91) Dibenzo(a,h)anthracene	17.06	278	515885	53.477	ng	#	90
92) Benzo(g,h,i)perylene	17.50	276	472903	50.202	ng	#	86

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

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