Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111717.D
Acq On : 26 Dec 2018 15:52
Operator : JU/SJ
Sample : PB115960BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB115960BS

Manual Integrations APPROVED
Sohil
12/27/2018 8:22:22 AM

Quant Time: Dec 26 16:26:43 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 26 13:36:07 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	183615	20.00	ng		0.00
21) Naphthalene-d8	8.19	136	680680	20.00	ng		0.00
39) Acenaphthene-d10	9.94	164	357919	20.00	ng		0.00
64) Phenanthrene-d10	11.43	188	681743	20.00	ng		0.00
76) Chrysene-d12	14.06	240	494302	20.00	ng		0.00
87) Perylene-d12	15.54	264	361837	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	1300104	120.69	ng		0.01
7) Phenol-d6	6.55	99	1664981	121.45	ng		0.00
23) Nitrobenzene-d5	7.46	82	894165	76.46	ng		0.00
42) 2,4,6-Tribromophenol	10.73	330	567002	134.07	ng		0.00
45) 2-Fluorobiphenyl	9.26	172	1781827	72.56	ng		0.00
79) Terphenyl-d14	13.01	244	1977730	75.88	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.83	88	267906	52.860	ng		96
3) Pyridine	3.57	79	502869	38.085	ng		98
4) n-Nitrosodimethylamine	3.52	42	279007	43.176	ng	#	81
6) Aniline	6.56	93	520601	29.791	ng	#	80
8) 2-Chlorophenol	6.69	128	494907	41.474	ng		98
9) Benzaldehyde	6.45	77	143091	15.176	ng		95
10) Phenol	6.56	94	590123	38.151	ng		80
11) bis(2-Chloroethyl)ether	6.63	93	457672	39.485	ng		95
12) 1,3-Dichlorobenzene	6.85	146	560117	40.503	ng		99
13) 1,4-Dichlorobenzene	6.92	146	562468	40.105	ng		97
14) 1,2-Dichlorobenzene	7.07	146	530638	40.553	ng		98
15) Benzyl Alcohol	7.04	79	454864	41.777	ng		91
16) 2,2'-oxybis(1-Chloropropan	7.17	45	787730	36.900	ng		98
17) 2-Methylphenol	7.16	107	398264	41.682	ng	#	93
18) Hexachloroethane	7.42	117	200717	42.470	ng	#	87
19) n-Nitroso-di-n-propylamine	7.31	70	352307	38.696	ng		94
20) 3+4-Methylphenols	7.31	107	495207	41.017	ng		95
22) Acetophenone	7.31	105	666701	38.662	ng	#	97
24) Nitrobenzene	7.48	77	532282	43.429	ng		99
25) Isophorone	7.72	82	947010	45.617	ng		98
26) 2-Nitrophenol	7.80	139	256471	51.596	ng		94
27) 2,4-Dimethylphenol	7.84	122	446372	45.554	ng		95
28) bis(2-Chloroethoxy)methane	7.93	93	588277	42.583	ng		98
29) 2,4-Dichlorophenol	8.05	162	452074	42.893	ng		96
30) 1,2,4-Trichlorobenzene	8.13	180	482079	41.047	ng		98
31) Naphthalene	8.21	128	1446617	44.231	ng		96
32) Benzoic acid	7.96	122	300282	46.349	ng		88
33) 4-Chloroaniline	8.25	127	341749	24.176	ng		99
34) Hexachlorobutadiene	8.33	225	288321	40.280	ng		97
35) Caprolactam	8.62	113	151325m	42.372	ng		
36) 4-Chloro-3-methylphenol	8.74	107	447049	43.150	ng		99
37) 2-Methylnaphthalene	8.90	142	1001355	47.059	ng		99
38) 1-Methylnaphthalene	9.00	142	941666	46.079	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.07	216	463140	39.379	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.06	237	638622	111.896 ng		99
43) 2,4,6-Trichlorophenol	9.17	196	328435	41.826 ng		100
44) 2,4,5-Trichlorophenol	9.22	196	347527	43.140 ng		91
46) 1,1'-Biphenyl	9.36	154	1210969	40.080 ng		95
47) 2-Chloronaphthalene	9.39	162	954520	39.875 ng		95
48) 2-Nitroaniline	9.47	65	294743	47.329 ng		98
49) Acenaphthylene	9.80	152	1527186	43.695 ng		96
50) Dimethylphthalate	9.66	163	1127076	43.062 ng		98
51) 2,6-Dinitrotoluene	9.72	165	248325	47.581 ng	#	87
52) Acenaphthene	9.97	154	1035331	48.029 ng		98
53) 3-Nitroaniline	9.89	138	183875	33.035 ng		96
54) 2,4-Dinitrophenol	9.99	184	253249	144.699 ng		94
55) Dibenzofuran	10.15	168	1366704	41.966 ng		93
56) 4-Nitrophenol	10.06	139	413183	97.271 ng		87
57) 2,4-Dinitrotoluene	10.12	165	331744	52.888 ng		93
58) Fluorene	10.49	166	1058498	45.105 ng		100
59) 2,3,4,6-Tetrachlorophenol	10.27	232	308925	45.568 ng		91
60) Diethylphthalate	10.36	149	1101435	42.900 ng		98
61) 4-Chlorophenyl-phenylether	10.48	204	528761	40.782 ng		92
62) 4-Nitroaniline	10.50	138	253991	46.951 ng		88
63) Azobenzene	10.64	77	1052545	40.835 ng		96
65) 4,6-Dinitro-2-methylphenol	10.53	198	159233	55.327 ng		80
66) n-Nitrosodiphenylamine	10.60	169	936100	40.905 ng		97
67) 4-Bromophenyl-phenylether	10.97	248	345893	40.906 ng		95
68) Hexachlorobenzene	11.05	284	382953	40.619 ng	#	90
69) Atrazine	11.12	200	322216	40.529 ng		96
70) Pentachlorophenol	11.23	266	413483	70.941 ng		95
71) Phenanthrene	11.45	178	1569947	43.422 ng		95
72) Anthracene	11.50	178	1612201	44.425 ng		96
73) Carbazole	11.66	167	1388649	39.413 ng		96
74) Di-n-butylphthalate	11.99	149	1691291	42.813 ng	#	96
75) Fluoranthene	12.64	202	1576511	43.059 ng		97
77) Benzidine	12.75	184	668344	35.932 ng		97
78) Pyrene	12.87	202	1584414	45.390 ng		97
80) Butylbenzylphthalate	13.48	149	656322	46.127 ng		89
81) Benzo(a)anthracene	14.06	228	1248012	44.241 ng		98
82) 3,3'-Dichlorobenzidine	14.01	252	286298	25.687 ng		97
83) Chrysene	14.09	228	1151042	41.515 ng		97
84) Bis(2-ethylhexyl)phthalate	14.04	149	814971	45.471 ng	#	99
85) Di-n-octyl phthalate	14.66	149	1173145	42.247 ng		95
86) Indeno(1,2,3-cd)pyrene	17.04	276	945386	40.110 ng	#	88
88) Benzo(b)fluoranthene	15.12	252	966104	45.685 ng	#	95
89) Benzo(k)fluoranthene	15.14	252	913743	45.386 ng	#	97
90) Benzo(a)pyrene	15.49	252	876139	45.603 ng	#	94
91) Dibenzo(a,h)anthracene	17.06	278	794114	47.202 ng	#	92
92) Benzo(g,h,i)perylene	17.50	276	797403	48.539 ng	#	87

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

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