Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121818\
Data File : BF111585.D
Acq On : 18 Dec 2018 19:45
Operator : JU/SJ
Sample : PB115777BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB115777BS

Manual Integrations APPROVED
Sohil
12/19/2018 4:09:28 PM

Quant Time: Dec 19 01:12:55 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 14 13:26:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	114630	20.00	ng		-0.02
21) Naphthalene-d8	8.06	136	504357	20.00	ng		-0.02
39) Acenaphthene-d10	9.82	164	419150	20.00	ng		-0.02
64) Phenanthrene-d10	11.30	188	766556	20.00	ng		-0.02
76) Chrysene-d12	13.94	240	517558	20.00	ng		-0.01
87) Perylene-d12	15.37	264	403663	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	505557	73.39	ng		-0.01
7) Phenol-d6	6.42	99	694535	75.80	ng		-0.02
23) Nitrobenzene-d5	7.34	82	653334	77.14	ng		-0.02
42) 2,4,6-Tribromophenol	10.60	330	296750	79.03	ng		-0.02
45) 2-Fluorobiphenyl	9.14	172	2036703	75.06	ng		-0.02
79) Terphenyl-d14	12.89	244	1850669	83.97	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	99724	29.974	ng	#	94
3) Pyridine	3.26	79	241612	28.915	ng		86
4) n-Nitrosodimethylamine	3.19	42	143115	37.707	ng		83
6) Aniline	6.44	93	134375	11.822	ng	#	1
8) 2-Chlorophenol	6.56	128	302897	36.801	ng		100
9) Benzaldehyde	6.32	77	76127	13.697	ng		98
10) Phenol	6.43	94	341114	33.418	ng		89
11) bis(2-Chloroethyl)ether	6.51	93	263017	32.870	ng		98
12) 1,3-Dichlorobenzene	6.72	146	296956	32.775	ng		98
13) 1,4-Dichlorobenzene	6.79	146	306229	33.299	ng		97
14) 1,2-Dichlorobenzene	6.95	146	290946	33.629	ng		99
15) Benzyl Alcohol	6.92	79	245151	35.162	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.05	45	539652	34.541	ng		84
17) 2-Methylphenol	7.04	107	238648	36.027	ng	#	92
18) Hexachloroethane	7.29	117	116950	34.171	ng		93
19) n-Nitroso-di-n-propylamine	7.19	70	214383	35.463	ng		92
20) 3+4-Methylphenols	7.19	107	303215	36.492	ng	#	81
22) Acetophenone	7.19	105	432138	38.382	ng	#	89
24) Nitrobenzene	7.36	77	300681	34.801	ng		99
25) Isophorone	7.60	82	597364	41.684	ng		99
26) 2-Nitrophenol	7.67	139	156689	34.970	ng		96
27) 2,4-Dimethylphenol	7.72	122	268427	41.323	ng		95
28) bis(2-Chloroethoxy)methane	7.81	93	365687	36.963	ng		100
29) 2,4-Dichlorophenol	7.92	162	268382	38.704	ng		99
30) 1,2,4-Trichlorobenzene	8.00	180	261754	36.059	ng		99
31) Naphthalene	8.08	128	950765	40.304	ng		96
32) Benzoic acid	7.86	122	180359m	32.131	ng		
33) 4-Chloroaniline	8.13	127	59736	5.695	ng		99
34) Hexachlorobutadiene	8.20	225	166865	41.724	ng		99
35) Caprolactam	8.50	113	150822m	58.582	ng		
36) 4-Chloro-3-methylphenol	8.63	107	464244	60.823	ng		99
37) 2-Methylnaphthalene	8.77	142	1017150	63.720	ng		98
38) 1-Methylnaphthalene	8.87	142	986931	63.998	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.95	216	388509	33.799	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.93	237	253952	43.031 ng	99
43) 2,4,6-Trichlorophenol	9.06	196	274083	33.690 ng	99
44) 2,4,5-Trichlorophenol	9.10	196	301850	34.867 ng	96
46) 1,1'-Biphenyl	9.24	154	1214077	34.185 ng	94
47) 2-Chloronaphthalene	9.26	162	963912	35.706 ng	96
48) 2-Nitroaniline	9.36	65	296612	33.839 ng	98
49) Acenaphthylene	9.68	152	1563901	39.028 ng	95
50) Dimethylphthalate	9.54	163	1168690	38.716 ng	99
51) 2,6-Dinitrotoluene	9.60	165	255936	37.667 ng	92
52) Acenaphthene	9.85	154	867234	34.242 ng	98
53) 3-Nitroaniline	9.77	138	93238	11.297 ng	100
54) 2,4-Dinitrophenol	9.88	184	142600	55.164 ng	90
55) Dibenzofuran	10.02	168	1366068	37.159 ng	97
56) 4-Nitrophenol	9.95	139	299754	52.483 ng	97
57) 2,4-Dinitrotoluene	10.00	165	326198	36.577 ng	95
58) Fluorene	10.36	166	1067422	40.031 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.15	232	259463	38.359 ng	96
60) Diethylphthalate	10.24	149	1141481	37.331 ng	98
61) 4-Chlorophenyl-phenylether	10.36	204	476276	36.507 ng	98
62) 4-Nitroaniline	10.39	138	266668	32.640 ng	97
63) Azobenzene	10.52	77	1113084	36.925 ng	96
65) 4,6-Dinitro-2-methylphenol	10.42	198	125905	29.094 ng	95
66) n-Nitrosodiphenylamine	10.47	169	965130	36.510 ng	97
67) 4-Bromophenyl-phenylether	10.85	248	297149	35.966 ng	97
68) Hexachlorobenzene	10.92	284	306787	36.098 ng	97
69) Atrazine	11.00	200	300977	39.397 ng	99
70) Pentachlorophenol	11.11	266	300508	57.650 ng	96
71) Phenanthrene	11.33	178	1481389	37.504 ng	94
72) Anthracene	11.37	178	1652993	40.921 ng	95
73) Carbazole	11.53	167	1510566	36.162 ng	95
74) Di-n-butylphthalate	11.86	149	1858539	39.950 ng	97
75) Fluoranthene	12.51	202	1565677	40.518 ng	98
77) Benzidine	12.63	184	364504	19.159 ng	96
78) Pyrene	12.74	202	1555794	42.637 ng	95
80) Butylbenzylphthalate	13.36	149	763896	42.949 ng	94
81) Benzo(a)anthracene	13.93	228	1042985	37.062 ng	98
82) 3,3'-Dichlorobenzidine	13.89	252	199837	17.468 ng	99
83) Chrysene	13.96	228	1201745	40.537 ng	97
84) Bis(2-ethylhexyl)phthalate	13.92	149	1006900	44.323 ng	99
85) Di-n-octyl phthalate	14.53	149	1656140	43.220 ng	96
86) Indeno(1,2,3-cd)pyrene	16.79	276	912549	42.650 ng	96
88) Benzo(b)fluoranthene	14.96	252	849767	36.108 ng	98
89) Benzo(k)fluoranthene	14.99	252	986102	43.852 ng	98
90) Benzo(a)pyrene	15.32	252	879428	41.439 ng	97
91) Dibenzo(a,h)anthracene	16.80	278	763828	45.627 ng	95
92) Benzo(g,h,i)perylene	17.22	276	761604	46.348 ng	93

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

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