Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
Data File : BF111430.D
Acq On : 14 Dec 2018 20:30
Operator : JU/SJ
Sample : J6340-10MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-06AMSD

Manual Integrations APPROVED
Sohil
12/17/2018 2:36:44 PM

Quant Time: Dec 14 22:32:02 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	6.79	152	177437	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	704561	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	309827	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	439788	20.00	ng		0.00
76) Chrysene-d12	13.95	240	339730	20.00	ng		0.00
87) Perylene-d12	15.39	264	274625	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	1136518	106.59	ng		0.01
7) Phenol-d6	6.44	99	1466953	103.43	ng		0.00
23) Nitrobenzene-d5	7.36	82	889058	75.14	ng		0.00
42) 2,4,6-Tribromophenol	10.62	330	253664	91.40	ng		0.00
45) 2-Fluorobiphenyl	9.16	172	1564030	77.97	ng		0.00
79) Terphenyl-d14	12.90	244	1020282	70.52	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.55	88	146804	28.506	ng		95
3) Pyridine	3.29	79	300284	23.216	ng		91
4) n-Nitrosodimethylamine	3.22	42	236361	40.231	ng		84
6) Aniline	6.46	93	191662	10.894	ng	#	1
8) 2-Chlorophenol	6.59	128	442322	34.718	ng		94
9) Benzaldehyde	6.34	77	176475	20.513	ng		96
10) Phenol	6.45	94	591844	37.458	ng		92
11) bis(2-Chloroethyl)ether	6.53	93	408568	32.987	ng		98
12) 1,3-Dichlorobenzene	6.73	146	455787	32.499	ng		98
13) 1,4-Dichlorobenzene	6.81	146	465467	32.698	ng		98
14) 1,2-Dichlorobenzene	6.97	146	438710	32.759	ng		98
15) Benzyl Alcohol	6.94	79	369706	34.257	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.07	45	810082	33.497	ng		99
17) 2-Methylphenol	7.06	107	349657	34.101	ng		97
18) Hexachloroethane	7.31	117	161444	30.474	ng		93
19) n-Nitroso-di-n-propylamine	7.21	70	299759	32.034	ng		95
20) 3+4-Methylphenols	7.21	107	443552	34.486	ng	#	73
22) Acetophenone	7.20	105	607309	38.613	ng	#	89
24) Nitrobenzene	7.37	77	440335	36.483	ng		97
25) Isophorone	7.62	82	798177	39.870	ng		99
26) 2-Nitrophenol	7.69	139	220597	35.243	ng		98
27) 2,4-Dimethylphenol	7.73	122	362910	39.993	ng		96
28) bis(2-Chloroethoxy)methane	7.83	93	515817	37.323	ng		99
29) 2,4-Dichlorophenol	7.94	162	348932	36.021	ng		97
30) 1,2,4-Trichlorobenzene	8.02	180	355646	35.072	ng		98
31) Naphthalene	8.10	128	1261060	38.267	ng		97
32) Benzoic acid	7.84	122	165189m	21.066	ng		
33) 4-Chloroaniline	8.15	127	79590	5.431	ng		98
34) Hexachlorobutadiene	8.22	225	189824	33.977	ng		99
35) Caprolactam	8.51	113	110630	30.761	ng		98
36) 4-Chloro-3-methylphenol	8.64	107	359273	33.695	ng		98
37) 2-Methylnaphthalene	8.79	142	833661	37.385	ng		99
38) 1-Methylnaphthalene	8.89	142	775654	36.005	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	308790	36.342	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	125892	28.859	ng		99
43) 2,4,6-Trichlorophenol	9.07	196	214584	35.683	ng		98
44) 2,4,5-Trichlorophenol	9.12	196	223197	34.879	ng		97
46) 1,1'-Biphenyl	9.26	154	936772	35.684	ng		93
47) 2-Chloronaphthalene	9.28	162	717944	35.979	ng		95
48) 2-Nitroaniline	9.37	65	223756	34.535	ng		99
49) Acenaphthylene	9.69	152	1122494	37.897	ng		95
50) Dimethylphthalate	9.56	163	1015017	45.490	ng		97
51) 2,6-Dinitrotoluene	9.62	165	174126	34.669	ng		98
52) Acenaphthene	9.86	154	660449	35.278	ng		98
53) 3-Nitroaniline	9.78	138	100490	16.473	ng		94
54) 2,4-Dinitrophenol	9.89	184	43253	22.636	ng		90
55) Dibenzofuran	10.04	168	957618	35.240	ng		95
56) 4-Nitrophenol	9.95	139	241443	57.190	ng		98
57) 2,4-Dinitrotoluene	10.02	165	214279	32.506	ng		100
58) Fluorene	10.38	166	715566	36.304	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.16	232	164505	32.902	ng		99
60) Diethylphthalate	10.25	149	805184	35.624	ng		97
61) 4-Chlorophenyl-phenylether	10.37	204	331564	34.383	ng		96
62) 4-Nitroaniline	10.39	138	151056	25.013	ng		97
63) Azobenzene	10.53	77	738902	33.161	ng		96
65) 4,6-Dinitro-2-methylphenol	10.42	198	39585	15.944	ng		95
66) n-Nitrosodiphenylamine	10.49	169	632268	41.690	ng		98
67) 4-Bromophenyl-phenylether	10.86	248	186495	39.345	ng		95
68) Hexachlorobenzene	10.93	284	177198	36.342	ng	#	92
69) Atrazine	11.02	200	186837	42.628	ng		97
70) Pentachlorophenol	11.12	266	164154	54.890	ng		95
71) Phenanthrene	11.34	178	864101	38.131	ng		94
72) Anthracene	11.39	178	896157	38.668	ng		94
73) Carbazole	11.54	167	793210	33.098	ng		94
74) Di-n-butylphthalate	11.88	149	1099324	41.188	ng	#	96
75) Fluoranthene	12.52	202	779765	35.173	ng		98
77) Benzidine	12.64	184	63045	5.048	ng		97
78) Pyrene	12.75	202	805688	33.637	ng		95
80) Butylbenzylphthalate	13.37	149	388350	33.263	ng		93
81) Benzo(a)anthracene	13.94	228	697547	37.761	ng		97
82) 3,3'-Dichlorobenzidine	13.90	252	222741	29.661	ng		96
83) Chrysene	13.97	228	699955	35.969	ng		97
84) Bis(2-ethylhexyl)phthalate	13.94	149	535146	35.887	ng		98
85) Di-n-octyl phthalate	14.54	149	980266	38.972	ng		99
86) Indeno(1,2,3-cd)pyrene	16.80	276	450367	32.067	ng		97
88) Benzo(b)fluoranthene	14.97	252	633576	39.571	ng		98
89) Benzo(k)fluoranthene	15.00	252	626683	40.963	ng		98
90) Benzo(a)pyrene	15.33	252	558181	38.660	ng		97
91) Dibenzo(a,h)anthracene	16.82	278	388550	34.115	ng		96
92) Benzo(g,h,i)perylene	17.23	276	364870	32.637	ng	#	91

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

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