Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120918\
Data File : BF111237.D
Acq On : 10 Dec 2018 12:50
Operator : JU/SJ
Sample : J6179-01MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S1-0-0.5-BGSMSD

Manual Integrations APPROVED
Sohil
12/11/2018 8:42:26 AM

Quant Time: Dec 10 15:45:34 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 10 01:15:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	534477	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	2147547	20.00	ng		0.00
39) Acenaphthene-d10	9.84	164	1118967	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	1736441	20.00	ng		0.00
76) Chrysene-d12	13.96	240	940124	20.00	ng		0.00
87) Perylene-d12	15.39	264	952423	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	3852329	113.81	ng		0.02
7) Phenol-d6	6.44	99	4999939	118.86	ng		0.00
23) Nitrobenzene-d5	7.36	82	3277428	85.60	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	1051588	106.09	ng		0.00
45) 2-Fluorobiphenyl	9.16	172	4939069	73.66	ng		0.00
79) Terphenyl-d14	12.91	244	4089717	104.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.61	88	658748	37.932	ng		99
3) Pyridine	3.35	79	1565285	33.926	ng		99
4) n-Nitrosodimethylamine	3.28	42	954182	48.506	ng		97
6) Aniline	6.47	93	1361745	24.280	ng		98
8) 2-Chlorophenol	6.59	128	1581409	41.103	ng		97
9) Benzaldehyde	6.35	77	776332	29.443	ng		97
10) Phenol	6.45	94	2093965	42.573	ng		96
11) bis(2-Chloroethyl)ether	6.54	93	1501554	39.474	ng		96
12) 1,3-Dichlorobenzene	6.75	146	1629292	39.413	ng		99
13) 1,4-Dichlorobenzene	6.82	146	1646554	39.446	ng		99
14) 1,2-Dichlorobenzene	6.97	146	1541464	39.594	ng		99
15) Benzyl Alcohol	6.95	79	1398436	42.011	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.08	45	2986431	41.933	ng		99
17) 2-Methylphenol	7.06	107	1347674	42.905	ng		99
18) Hexachloroethane	7.32	117	655778	41.264	ng		98
19) n-Nitroso-di-n-propylamine	7.22	70	1126672	39.984	ng		96
20) 3+4-Methylphenols	7.21	107	1527083	40.873	ng		96
22) Acetophenone	7.21	105	2110820	42.957	ng	#	99
24) Nitrobenzene	7.38	77	1688249	42.365	ng		99
25) Isophorone	7.63	82	3085150	47.309	ng		99
26) 2-Nitrophenol	7.70	139	854435	43.155	ng		97
27) 2,4-Dimethylphenol	7.74	122	1425033	46.577	ng		98
28) bis(2-Chloroethoxy)methane	7.83	93	1968706	43.595	ng		99
29) 2,4-Dichlorophenol	7.94	162	1331704	42.569	ng		100
30) 1,2,4-Trichlorobenzene	8.03	180	1298142	42.127	ng		99
31) Naphthalene	8.11	128	4290493	45.776	ng		99
32) Benzoic acid	7.85	122	806990	31.897	ng		99
33) 4-Chloroaniline	8.15	127	728842	16.190	ng		96
34) Hexachlorobutadiene	8.23	225	696668	40.956	ng		98
35) Caprolactam	8.52	113	500433m	45.143	ng		
36) 4-Chloro-3-methylphenol	8.64	107	1541476	48.126	ng		98
37) 2-Methylnaphthalene	8.80	142	3134384	50.370	ng		98
38) 1-Methylnaphthalene	8.90	142	2818644	46.253	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	1063009	34.141	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	1201213	67.744	ng	100
43) 2,4,6-Trichlorophenol	9.07	196	878966	37.609	ng	99
44) 2,4,5-Trichlorophenol	9.12	196	927621	38.101	ng	97
46) 1,1'-Biphenyl	9.26	154	3279882	35.020	ng	99
47) 2-Chloronaphthalene	9.29	162	2625189	35.855	ng	99
48) 2-Nitroaniline	9.38	65	956327	38.290	ng	91
49) Acenaphthylene	9.70	152	4318505	40.629	ng	99
50) Dimethylphthalate	9.57	163	3326464	40.290	ng	100
51) 2,6-Dinitrotoluene	9.62	165	718430	39.402	ng	91
52) Acenaphthene	9.87	154	2930420	43.933	ng	99
53) 3-Nitroaniline	9.79	138	572158	25.423	ng	99
54) 2,4-Dinitrophenol	9.89	184	657958	91.316	ng	93
55) Dibenzofuran	10.05	168	3772629	41.574	ng	97
56) 4-Nitrophenol	9.96	139	1386563	79.105	ng	91
57) 2,4-Dinitrotoluene	10.03	165	1035643	46.074	ng	98
58) Fluorene	10.39	166	2638770	37.578	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	800139	43.358	ng	99
60) Diethylphthalate	10.27	149	3065323	38.943	ng	99
61) 4-Chlorophenyl-phenylether	10.38	204	1183408	33.942	ng	97
62) 4-Nitroaniline	10.40	138	769829	36.151	ng	98
63) Azobenzene	10.54	77	3066354	37.522	ng	98
65) 4,6-Dinitro-2-methylphenol	10.43	198	401576	39.248	ng	91
66) n-Nitrosodiphenylamine	10.50	169	2467872	41.751	ng	99
67) 4-Bromophenyl-phenylether	10.87	248	828232	43.548	ng	96
68) Hexachlorobenzene	10.94	284	842698	43.556	ng	95
69) Atrazine	11.03	200	819515	45.593	ng	99
70) Pentachlorophenol	11.13	266	977207	69.625	ng	95
71) Phenanthrene	11.35	178	3694924	42.187	ng	99
72) Anthracene	11.40	178	3760542	41.040	ng	99
73) Carbazole	11.55	167	3660951	38.209	ng	100
74) Di-n-butylphthalate	11.89	149	4061845	41.245	ng	100
75) Fluoranthene	12.53	202	3628452	45.351	ng	97
77) Benzidine	12.65	184	247357	8.861	ng	99
78) Pyrene	12.76	202	3534368	52.609	ng	99
80) Butylbenzylphthalate	13.39	149	1663390	47.403	ng	95
81) Benzo(a)anthracene	13.94	228	2335546	44.530	ng	99
82) 3,3'-Dichlorobenzidine	13.91	252	514129	23.916	ng	100
83) Chrysene	13.99	228	2475525	45.783	ng	99
84) Bis(2-ethylhexyl)phthalate	13.95	149	1829491	43.876	ng	99
85) Di-n-octyl phthalate	14.56	149	3238289	46.335	ng	100
86) Indeno(1,2,3-cd)pyrene	16.81	276	2723183	62.391	ng	99
88) Benzo(b)fluoranthene	14.98	252	2567669	48.749	ng	99
89) Benzo(k)fluoranthene	15.01	252	2069143	41.784	ng	97
90) Benzo(a)pyrene	15.33	252	2276749	46.940	ng	99
91) Dibenzo(a,h)anthracene	16.83	278	2228276	58.490	ng	98
92) Benzo(g,h,i)perylene	17.24	276	2379877	62.404	ng	97

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

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