Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102918\
Data File : BF110291.D
Acq On : 30 Oct 2018 4:30
Operator : JU/SJ
Sample : J5696-03MSD
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DL-SED-01MSD

Quant Time: Nov 03 00:22:47 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 29 17:29:00 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	112788	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	432876	20.00	ng		0.00
39) Acenaphthene-d10	10.02	164	179084	20.00	ng		0.00
64) Phenanthrene-d10	11.51	188	276036	20.00	ng		0.00
76) Chrysene-d12	14.17	240	169870	20.00	ng		0.01
87) Perylene-d12	15.70	264	128439	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	921316	133.02	ng		0.02
7) Phenol-d6	6.61	99	1137349	128.38	ng		0.02
23) Nitrobenzene-d5	7.55	82	704656	96.55	ng		0.01
42) 2,4,6-Tribromophenol	10.82	330	190956	107.64	ng		0.00
45) 2-Fluorobiphenyl	9.33	172	975730	85.55	ng		0.00
79) Terphenyl-d14	13.10	244	603966	73.94	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.89	88	104271	28.735	ng		89
3) Pyridine	3.67	79	309634	38.310	ng	#	84
4) n-Nitrosodimethylamine	3.63	42	161953	47.828	ng		91
6) Aniline	6.65	93	91858	7.960	ng	#	57
8) 2-Chlorophenol	6.76	128	341278	42.739	ng		97
9) Benzaldehyde	6.53	77	155987	27.790	ng		93
10) Phenol	6.63	94	533753	56.365	ng	#	63
11) bis(2-Chloroethyl)ether	6.71	93	368190	47.259	ng		97
12) 1,3-Dichlorobenzene	6.92	146	359489	40.909	ng		98
13) 1,4-Dichlorobenzene	6.99	146	362912	40.834	ng		97
14) 1,2-Dichlorobenzene	7.15	146	339297	41.125	ng		100
15) Benzyl Alcohol	7.12	79	289802	42.533	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.25	45	488139	39.187	ng		70
17) 2-Methylphenol	7.23	107	526110	82.671	ng	#	82
18) Hexachloroethane	7.48	117	103837	31.912	ng		93
19) n-Nitroso-di-n-propylamine	7.39	70	229202	40.328	ng		95
20) 3+4-Methylphenols	7.38	107	604563	73.494	ng		91
22) Acetophenone	7.39	105	463196	46.438	ng		98
24) Nitrobenzene	7.56	77	336716	44.688	ng		92
25) Isophorone	7.81	82	628519	50.522	ng		95
26) 2-Nitrophenol	7.87	139	140557	39.201	ng		90
27) 2,4-Dimethylphenol	7.92	122	932338	156.836	ng		99
28) bis(2-Chloroethoxy)methane	8.00	93	404889	47.909	ng		100
29) 2,4-Dichlorophenol	8.12	162	260759	43.418	ng		97
30) 1,2,4-Trichlorobenzene	8.20	180	293234	43.589	ng		95
31) Naphthalene	8.28	128	946979	47.466	ng		100
32) Benzoic acid	8.02	122	275836	60.036	ng	#	22
33) 4-Chloroaniline	8.35	127	116150	12.936	ng		99
34) Hexachlorobutadiene	8.39	225	161953	43.358	ng		99
35) Caprolactam	8.70	113	72759	34.758	ng		90
36) 4-Chloro-3-methylphenol	8.81	107	269245	41.458	ng		95
37) 2-Methylnaphthalene	8.97	142	619676	46.945	ng		99
38) 1-Methylnaphthalene	9.07	142	573773	44.980	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.14	216	258191	46.272	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.12	237	11557	4.051	ng		99
43) 2,4,6-Trichlorophenol	9.25	196	167994	46.678	ng		95
44) 2,4,5-Trichlorophenol	9.30	196	168757	44.360	ng		93
46) 1,1'-Biphenyl	9.43	154	722477	44.613	ng		99
47) 2-Chloronaphthalene	9.46	162	536943	45.200	ng		98
48) 2-Nitroaniline	9.56	65	168536	46.819	ng		93
49) Acenaphthylene	9.88	152	784953	45.749	ng		99
50) Dimethylphthalate	9.73	163	820248	62.048	ng		99
51) 2,6-Dinitrotoluene	9.80	165	118013	41.444	ng	#	84
52) Acenaphthene	10.06	154	491022	43.259	ng		98
53) 3-Nitroaniline	9.97	138	97711	28.855	ng		85
55) Dibenzofuran	10.23	168	698099	43.928	ng		96
56) 4-Nitrophenol	10.14	139	225095	89.814	ng		92
57) 2,4-Dinitrotoluene	10.21	165	139994	38.706	ng	#	84
58) Fluorene	10.57	166	549149	46.430	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.34	232	129124	41.642	ng		96
60) Diethylphthalate	10.43	149	596637	46.235	ng		99
61) 4-Chlorophenyl-phenylether	10.56	204	261778	41.956	ng		99
62) 4-Nitroaniline	10.59	138	109995	32.659	ng		98
63) Azobenzene	10.72	77	521148	40.686	ng		97
65) 4,6-Dinitro-2-methylphenol	10.62	198	13332	10.571	ng		81
66) n-Nitrosodiphenylamine	10.67	169	449129	49.606	ng		96
67) 4-Bromophenyl-phenylether	11.05	248	145117	48.466	ng		97
68) Hexachlorobenzene	11.12	284	142686	44.913	ng		93
69) Atrazine	11.20	200	110377	38.576	ng		99
70) Pentachlorophenol	11.32	266	124750	67.342	ng		97
71) Phenanthrene	11.54	178	1157290	80.125	ng		100
72) Anthracene	11.59	178	805447	55.635	ng		99
73) Carbazole	11.74	167	609177	43.096	ng		99
74) Di-n-butylphthalate	12.06	149	1246825	78.099	ng		99
75) Fluoranthene	12.74	202	1485256	101.324	ng		99
77) Benzidine	12.88	184	802	Below Cal		#	1
78) Pyrene	12.97	202	1353183	111.115	ng		98
80) Butylbenzylphthalate	13.57	149	289372	54.745	ng		97
81) Benzo(a)anthracene	14.16	228	868888	86.254	ng		99
82) 3,3'-Dichlorobenzidine	14.12	252	27635	7.878	ng		96
83) Chrysene	14.20	228	786246	82.175	ng		99
84) Bis(2-ethylhexyl)phthalate	14.12	149	437922	61.287	ng	#	95
85) Di-n-octyl phthalate	14.74	149	630468	56.745	ng		98
86) Indeno(1,2,3-cd)pyrene	17.30	276	450356	56.737	ng		99
88) Benzo(b)fluoranthene	15.25	252	742499	100.109	ng		97
89) Benzo(k)fluoranthene	15.28	252	443089	60.768	ng	#	95
90) Benzo(a)pyrene	15.64	252	547534	80.228	ng		98
91) Dibenzo(a,h)anthracene	17.31	278	300303	50.996	ng		97
92) Benzo(g,h,i)perylene	17.79	276	386008	66.520	ng		99

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

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