Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112618\
Data File : BF110974.D
Acq On : 26 Nov 2018 20:06
Operator : JU/SJ
Sample : J6028-08MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-3MS

Quant Time: Nov 27 03:42:54 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 26 15:26:09 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	58881	20.00	ng		0.00
21) Naphthalene-d8	8.22	136	213762	20.00	ng		0.00
39) Acenaphthene-d10	9.98	164	80025	20.00	ng		0.00
64) Phenanthrene-d10	11.48	188	136238	20.00	ng		0.00
76) Chrysene-d12	14.13	240	91690	20.00	ng		0.00
87) Perylene-d12	15.67	264	72566	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	506199	142.57	ng		0.02
7) Phenol-d6	6.57	99	614402	132.78	ng		0.00
23) Nitrobenzene-d5	7.51	82	378074	101.22	ng		0.00
42) 2,4,6-Tribromophenol	10.78	330	105453	132.69	ng		0.00
45) 2-Fluorobiphenyl	9.29	172	605821	109.68	ng		0.00
79) Terphenyl-d14	13.06	244	490165	104.07	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.79	88	49653	29.189	ng	#	88
3) Pyridine	3.60	79	142860	38.352	ng		90
4) n-Nitrosodimethylamine	3.55	42	79574	46.686	ng		86
6) Aniline	6.61	93	143863	25.151	ng	#	57
8) 2-Chlorophenol	6.73	128	169824	40.358	ng		99
9) Benzaldehyde	6.50	77	63799	22.806	ng		94
10) Phenol	6.59	94	237743	45.624	ng	#	69
11) bis(2-Chloroethyl)ether	6.67	93	153910	39.204	ng		94
12) 1,3-Dichlorobenzene	6.88	146	177626	38.424	ng		97
13) 1,4-Dichlorobenzene	6.96	146	178244	37.495	ng		98
14) 1,2-Dichlorobenzene	7.11	146	166038	37.110	ng		99
15) Benzyl Alcohol	7.09	79	140326	39.462	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.20	45	240443	38.485	ng		87
17) 2-Methylphenol	7.19	107	129862	38.814	ng	#	87
18) Hexachloroethane	7.44	117	54528	31.183	ng		90
19) n-Nitroso-di-n-propylamine	7.35	70	114157	37.875	ng		95
20) 3+4-Methylphenols	7.35	107	168398	37.864	ng	#	67
22) Acetophenone	7.35	105	231461	46.195	ng	#	92
24) Nitrobenzene	7.53	77	169624	43.670	ng		96
25) Isophorone	7.76	82	289261	47.212	ng		95
26) 2-Nitrophenol	7.85	139	81074	42.963	ng		91
27) 2,4-Dimethylphenol	7.87	122	144445	50.686	ng		99
28) bis(2-Chloroethoxy)methane	7.96	93	187390	45.654	ng		100
29) 2,4-Dichlorophenol	8.09	162	125346	42.033	ng		99
30) 1,2,4-Trichlorobenzene	8.16	180	140730	42.109	ng		94
31) Naphthalene	8.25	128	449660	44.875	ng		100
33) 4-Chloroaniline	8.30	127	80228	18.811	ng		99
34) Hexachlorobutadiene	8.35	225	79227	41.622	ng		99
35) Caprolactam	8.67	113	35207	34.581	ng	#	86
36) 4-Chloro-3-methylphenol	8.78	107	124563	37.594	ng		98
37) 2-Methylnaphthalene	8.93	142	286031	43.217	ng		99
38) 1-Methylnaphthalene	9.03	142	263989	41.007	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	118844	47.209	ng		99
41) Hexachlorocyclopentadiene	9.07	237	147	10.663	ng		82

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	9.22	196	74749	49.717	ng		93
44) 2,4,5-Trichlorophenol	9.27	196	75482	47.680	ng		96
46) 1,1'-Biphenyl	9.40	154	330020	44.731	ng		99
47) 2-Chloronaphthalene	9.43	162	243214	45.466	ng		98
48) 2-Nitroaniline	9.53	65	79045	47.242	ng		98
49) Acenaphthylene	9.85	152	358017	47.066	ng		99
50) Dimethylphthalate	9.69	163	356624	60.763	ng		99
51) 2,6-Dinitrotoluene	9.77	165	55671	42.608	ng	#	89
52) Acenaphthene	10.02	154	214529	43.993	ng		98
53) 3-Nitroaniline	9.95	138	54384	35.712	ng		91
54) 2,4-Dinitrophenol	10.09	184	1363	6.533	ng		90
55) Dibenzofuran	10.19	168	305446	42.936	ng		99
56) 4-Nitrophenol	10.12	139	71168	83.853	ng		95
57) 2,4-Dinitrotoluene	10.19	165	66766	39.386	ng	#	81
58) Fluorene	10.53	166	243694	44.028	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.31	232	58623	45.121	ng		95
60) Diethylphthalate	10.39	149	268351	44.339	ng		99
61) 4-Chlorophenyl-phenylether	10.52	204	114691	39.616	ng		97
62) 4-Nitroaniline	10.57	138	55610	39.220	ng		97
63) Azobenzene	10.68	77	230402	39.057	ng		96
65) 4,6-Dinitro-2-methylphenol	10.61	198	3149	4.886	ng	#	73
66) n-Nitrosodiphenylamine	10.64	169	207054	45.654	ng		96
67) 4-Bromophenyl-phenylether	11.01	248	64774	43.656	ng		92
68) Hexachlorobenzene	11.09	284	65954	41.733	ng		94
69) Atrazine	11.16	200	64286	Below Cal			97
70) Pentachlorophenol	11.29	266	54974	87.432	ng		98
71) Phenanthrene	11.50	178	394383	54.657	ng		100
72) Anthracene	11.56	178	363322	49.443	ng		99
73) Carbazole	11.72	167	303713	42.582	ng		100
74) Di-n-butylphthalate	12.02	149	381746	45.778	ng		99
75) Fluoranthene	12.70	202	467578	63.049	ng		100
77) Benzidine	12.82	184	129112	55.053	ng		98
78) Pyrene	12.93	202	453920	67.782	ng		98
80) Butylbenzylphthalate	13.52	149	161042	53.264	ng		96
81) Benzo(a)anthracene	14.13	228	293908	54.294	ng		99
82) 3,3'-Dichlorobenzidine	14.08	252	71198	38.358	ng		99
83) Chrysene	14.16	228	266420	49.995	ng		99
84) Bis(2-ethylhexyl)phthalate	14.07	149	209376	51.971	ng		97
85) Di-n-octyl phthalate	14.69	149	301939	47.479	ng		97
86) Indeno(1,2,3-cd)pyrene	17.27	276	210189	54.950	ng		100
88) Benzo(b)fluoranthene	15.22	252	223551	52.440	ng		100
89) Benzo(k)fluoranthene	15.24	252	197805	45.080	ng		99
90) Benzo(a)pyrene	15.61	252	203079	51.178	ng		99
91) Dibenzo(a,h)anthracene	17.27	278	162940	49.768	ng		99
92) Benzo(g,h,i)perylene	17.76	276	178640	56.589	ng		100

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

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