Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG011218\
Data File : BG032016.D
Acq On : 12 Jan 2018 23:47
Operator : SJ/JU
Sample : J1106-01MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CLEAN-SAND-13MS

Quant Time: Jan 13 03:00:01 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 12 17:27:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	56270	20.00	ng		0.00
21) Naphthalene-d8	11.65	136	246364	20.00	ng		0.00
38) Acenaphthene-d10	15.41	164	169997	20.00	ng		0.00
63) Phenanthrene-d10	18.14	188	414257	20.00	ng		0.00
75) Chrysene-d12	22.48	240	474771	20.00	ng		0.00
86) Perylene-d12	26.20	264	520661	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	6.20	112	398361	129.48	ng		0.00
7) Phenol-d6	7.88	99	521259	134.52	ng		0.00
23) Nitrobenzene-d5	9.97	82	293648	80.64	ng		0.00
41) 2,4,6-Tribromophenol	16.88	330	342799	121.86	ng		0.00
44) 2-Fluorobiphenyl	14.03	172	1001258	73.03	ng		0.00
78) Terphenyl-d14	20.67	244	1717664	79.88	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.85	88	31463	26.619	ng	#	74
3) Pyridine	4.30	79	77211	24.472	ng	#	83
4) n-Nitrosodimethylamine	4.21	42	46105	41.595	ng	#	90
6) Aniline	8.06	93	148447	30.373	ng		92
8) 2-Chlorophenol	8.32	128	147619	42.878	ng		81
9) Benzaldehyde	7.87	77	23594	10.509	ng	#	83
10) Phenol	7.91	94	190642	49.945	ng		95
11) bis(2-Chloroethyl)ether	8.16	93	115961	37.920	ng	#	82
12) 1,3-Dichlorobenzene	8.66	146	158097	35.087	ng	#	94
13) 1,4-Dichlorobenzene	8.81	146	161722	35.647	ng		94
14) 1,2-Dichlorobenzene	9.14	146	155946	35.539	ng		96
15) Benzyl Alcohol	9.00	79	119856	42.579	ng		89
16) 2,2'-oxybis(1-Chloropropan	9.30	45	123061	39.598	ng		87
17) 2-Methylphenol	9.20	107	122035	41.835	ng		98
18) Hexachloroethane	9.90	117	51472	36.916	ng	#	82
19) n-Nitroso-di-n-propylamine	9.59	70	94845	39.450	ng	#	84
20) 3+4-Methylphenols	9.54	107	166539	41.211	ng		98
22) Acetophenone	9.62	105	215733	38.550	ng	#	88
24) Nitrobenzene	10.02	77	139105	38.296	ng	#	88
25) Isophorone	10.54	82	277646	40.947	ng	#	88
26) 2-Nitrophenol	10.74	139	88569	41.151	ng	#	81
27) 2,4-Dimethylphenol	10.77	122	154472	45.228	ng		91
28) bis(2-Chloroethoxy)methane	11.02	93	171628	42.011	ng	#	96
29) 2,4-Dichlorophenol	11.28	162	179541	42.721	ng		90
30) 1,2,4-Trichlorobenzene	11.51	180	199551	36.766	ng		97
31) Naphthalene	11.71	128	458001	37.528	ng		98
32) Benzoic acid	10.90	122	87706	33.762	ng	#	81
33) 4-Chloroaniline	11.80	127	134896	25.776	ng	#	92
34) Hexachlorobutadiene	11.98	225	134694	34.552	ng		97
35) Caprolactam	12.55	113	55616	43.622	ng	#	52
36) 4-Chloro-3-methylphenol	12.87	107	167508	43.546	ng		87
37) 2-Methylnaphthalene	13.27	142	382570	39.484	ng		93
39) 1,2,4,5-Tetrachlorobenzene	13.62	216	276039	37.251	ng	#	96
40) Hexachlorocyclopentadiene	13.60	237	343551	82.314	ng		90

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.85	196	174858	41.997	ng		97
43) 2,4,5-Trichlorophenol	13.92	196	185396	38.469	ng	#	90
45) 1,1'-Biphenyl	14.25	154	547345	37.558	ng		95
46) 2-Chloronaphthalene	14.30	162	420570	37.096	ng		96
47) 2-Nitroaniline	14.48	65	89843	41.395	ng	#	66
48) Acenaphthylene	15.13	152	625546	36.234	ng		99
49) Dimethylphthalate	14.83	163	656077	44.103	ng		99
50) 2,6-Dinitrotoluene	14.96	165	124077	40.183	ng	#	67
51) Acenaphthene	15.47	154	477726	41.848	ng		97
52) 3-Nitroaniline	15.29	138	88107	31.593	ng	#	71
53) 2,4-Dinitrophenol	15.49	184	153727	97.572	ng	#	67
54) Dibenzofuran	15.80	168	654113	38.410	ng		99
55) 4-Nitrophenol	15.57	139	184427	90.743	ng	#	74
56) 2,4-Dinitrotoluene	15.74	165	176884	42.549	ng	#	63
57) Fluorene	16.44	166	521004	37.303	ng		96
58) 2,3,4,6-Tetrachlorophenol	16.01	232	196470	44.068	ng	#	84
59) Diethylphthalate	16.18	149	535447	37.128	ng		97
60) 4-Chlorophenyl-phenylether	16.42	204	324886	37.920	ng		91
61) 4-Nitroaniline	16.45	138	106424	39.781	ng		83
62) Azobenzene	16.71	77	344453	38.160	ng		83
64) 4,6-Dinitro-2-methylphenol	16.50	198	100819	39.038	ng	#	69
65) n-Nitrosodiphenylamine	16.63	169	481451	38.301	ng		99
66) 4-Bromophenyl-phenylether	17.31	248	230000	39.022	ng		94
67) Hexachlorobenzene	17.44	284	238524	36.578	ng	#	88
68) Atrazine	17.55	200	212930	40.279	ng		96
69) Pentachlorophenol	17.78	266	316151	75.850	ng		99
70) Phenanthrene	18.18	178	872681	37.837	ng		99
71) Anthracene	18.27	178	884739	38.460	ng		98
72) Carbazole	18.53	167	762093	38.189	ng		99
73) Di-n-butylphthalate	19.03	149	876928	37.189	ng		99
74) Fluoranthene	20.14	202	1091491	37.797	ng		95
76) Benzidine	20.30	184	269919	22.735	ng		100
77) Pyrene	20.50	202	1115074	37.361	ng		99
79) Butylbenzylphthalate	21.36	149	405447	37.915	ng	#	74
80) Benzo(a)anthracene	22.46	228	1134609	38.427	ng		99
81) 3,3'-Dichlorobenzidine	22.35	252	368448	33.405	ng	#	97
82) Chrysene	22.53	228	1061462	37.433	ng		98
83) Bis(2-ethylhexyl)phthalate	22.30	149	576788	36.783	ng	#	98
84) Di-n-octyl phthalate	23.69	149	982851	39.464	ng	#	88
85) Indeno(1,2,3-cd)pyrene	30.52	276	1380488	39.781	ng	#	89
87) Benzo(b)fluoranthene	25.01	252	1207368	38.364	ng	#	97
88) Benzo(k)fluoranthene	25.09	252	1177369	38.285	ng	#	96
89) Benzo(a)pyrene	26.02	252	1161570	39.017	ng	#	96
90) Dibenzo(a,h)anthracene	30.60	278	1122411	39.125	ng	#	96
91) Benzo(g,h,i)perylene	31.88	276	1157599	39.479	ng	#	94

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

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