Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG010918\
Data File : BG031958.D
Acq On : 9 Jan 2018 22:41
Operator : SJ/JU
Sample : J1018-02MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OR-03-010818MSD

Quant Time: Jan 10 00:27:25 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 05 15:31:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	69590	20.00	ng		0.00
21) Naphthalene-d8	11.67	136	295347	20.00	ng		0.00
38) Acenaphthene-d10	15.41	164	198355	20.00	ng		-0.01
63) Phenanthrene-d10	18.14	188	463274	20.00	ng		-0.02
75) Chrysene-d12	22.48	240	499432	20.00	ng		-0.04
86) Perylene-d12	26.20	264	522242	20.00	ng		-0.10
System Monitoring Compounds							
5) 2-Fluorophenol	6.21	112	461719	120.85	ng		0.00
7) Phenol-d6	7.89	99	549597	110.79	ng		0.00
23) Nitrobenzene-d5	9.99	82	372860	95.33	ng		0.00
41) 2,4,6-Tribromophenol	16.89	330	397796	131.43	ng		-0.01
44) 2-Fluorobiphenyl	14.04	172	1269444	80.33	ng		-0.01
78) Terphenyl-d14	20.67	244	1943813	88.92	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.87	88	44692	31.555	ng	#	77
3) Pyridine	4.33	79	95025	25.100	ng	#	76
4) n-Nitrosodimethylamine	4.22	42	55680	36.448	ng	#	83
6) Aniline	8.08	93	49279	7.721	ng		92
8) 2-Chlorophenol	8.33	128	184094	41.538	ng	#	81
9) Benzaldehyde	7.88	77	34951	11.701	ng	#	80
10) Phenol	7.92	94	182227	36.386	ng		90
11) bis(2-Chloroethyl)ether	8.17	93	153937	37.011	ng	#	82
12) 1,3-Dichlorobenzene	8.67	146	209047	37.983	ng	#	92
13) 1,4-Dichlorobenzene	8.82	146	210319	37.409	ng		93
14) 1,2-Dichlorobenzene	9.15	146	204263	38.343	ng		95
15) Benzyl Alcohol	9.02	79	154310	41.438	ng		92
16) 2,2'-oxybis(1-Chloropropan	9.32	45	159446	47.074	ng		82
17) 2-Methylphenol	9.22	107	147302	41.106	ng		97
18) Hexachloroethane	9.91	117	68001	39.935	ng	#	84
19) n-Nitroso-di-n-propylamine	9.60	70	120373	35.532	ng	#	85
20) 3+4-Methylphenols	9.55	107	199033	39.080	ng		94
22) Acetophenone	9.62	105	274670	40.029	ng	#	86
24) Nitrobenzene	10.03	77	175285	43.483	ng	#	85
25) Isophorone	10.55	82	337268	40.056	ng	#	84
26) 2-Nitrophenol	10.75	139	112598	53.274	ng	#	78
27) 2,4-Dimethylphenol	10.79	122	192636	43.313	ng		89
28) bis(2-Chloroethoxy)methane	11.03	93	216884	38.389	ng		98
29) 2,4-Dichlorophenol	11.29	162	221114	42.349	ng		88
30) 1,2,4-Trichlorobenzene	11.52	180	251121	39.391	ng		98
31) Naphthalene	11.72	128	572209	38.389	ng		98
32) Benzoic acid	10.90	122	90890	32.483	ng	#	76
33) 4-Chloroaniline	11.81	127	31545	4.754	ng	#	93
34) Hexachlorobutadiene	11.98	225	171067	39.086	ng		97
35) Caprolactam	12.56	113	50133	31.677	ng	#	52
36) 4-Chloro-3-methylphenol	12.88	107	197725	41.004	ng	#	78
37) 2-Methylnaphthalene	13.28	142	475627	39.362	ng		89
39) 1,2,4,5-Tetrachlorobenzene	13.63	216	334308	40.014	ng	#	96
40) Hexachlorocyclopentadiene	13.61	237	397043	90.083	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.86	196	207453	43.066	ng		97
43) 2,4,5-Trichlorophenol	13.93	196	222159	41.616	ng	#	91
45) 1,1'-Biphenyl	14.25	154	678869	40.071	ng		95
46) 2-Chloronaphthalene	14.30	162	510401	39.498	ng		96
47) 2-Nitroaniline	14.49	65	108627	48.673	ng	#	59
48) Acenaphthylene	15.14	152	772574	37.371	ng		98
49) Dimethylphthalate	14.84	163	652722	37.353	ng		99
50) 2,6-Dinitrotoluene	14.97	165	150750	46.895	ng	#	66
51) Acenaphthene	15.48	154	543704	40.157	ng		96
52) 3-Nitroaniline	15.30	138	37077	11.822	ng	#	72
53) 2,4-Dinitrophenol	15.50	184	117311	85.339	ng	#	85
54) Dibenzofuran	15.81	168	788012	37.968	ng		98
55) 4-Nitrophenol	15.58	139	188634	73.898	ng	#	76
56) 2,4-Dinitrotoluene	15.75	165	206921	50.059	ng	#	62
57) Fluorene	16.45	166	631637	37.463	ng		96
58) 2,3,4,6-Tetrachlorophenol	16.01	232	223371	42.887	ng	#	85
59) Diethylphthalate	16.18	149	626244	36.769	ng		96
60) 4-Chlorophenyl-phenylether	16.43	204	384159	37.238	ng		94
61) 4-Nitroaniline	16.45	138	97501	31.858	ng		82
62) Azobenzene	16.72	77	411637	37.687	ng		83
64) 4,6-Dinitro-2-methylphenol	16.50	198	97799	44.191	ng	#	68
65) n-Nitrosodiphenylamine	16.64	169	585510	38.054	ng		99
66) 4-Bromophenyl-phenylether	17.32	248	276250	41.236	ng		94
67) Hexachlorobenzene	17.45	284	278657	40.690	ng	#	89
68) Atrazine	17.56	200	249386	41.684	ng		99
69) Pentachlorophenol	17.78	266	351941	74.715	ng		99
70) Phenanthrene	18.19	178	1027878	39.205	ng		99
71) Anthracene	18.28	178	1043860	39.470	ng		98
72) Carbazole	18.53	167	908172	38.797	ng		99
73) Di-n-butylphthalate	19.04	149	996456	38.305	ng		99
74) Fluoranthene	20.14	202	1234362	38.371	ng		97
76) Benzidine	20.30	184	73699	4.781	ng		100
77) Pyrene	20.50	202	1254204	39.314	ng		98
79) Butylbenzylphthalate	21.37	149	436209	40.731	ng	#	74
80) Benzo(a)anthracene	22.46	228	1246874	39.248	ng		99
81) 3,3'-Dichlorobenzidine	22.35	252	104257	8.464	ng	#	98
82) Chrysene	22.54	228	1167293	38.833	ng		98
83) Bis(2-ethylhexyl)phthalate	22.31	149	592979	38.218	ng	#	99
84) Di-n-octyl phthalate	23.69	149	991937	37.961	ng	#	88
85) Indeno(1,2,3-cd)pyrene	30.53	276	1499681	38.889	ng	#	89
87) Benzo(b)fluoranthene	25.02	252	1287238	39.708	ng	#	97
88) Benzo(k)fluoranthene	25.09	252	1260546	38.855	ng	#	96
89) Benzo(a)pyrene	26.03	252	1248848	40.224	ng	#	97
90) Dibenzo(a,h)anthracene	30.61	278	1238279	38.618	ng	#	97
91) Benzo(g,h,i)perylene	30.53	276	1499681	39.613	ng	#	93

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

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