Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060617\
Data File : BG027266.D
Acq On : 7 Jun 2017 2:02
Operator : SJ/MA
Sample : I3466-02MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SU-RO-230-060217MSD

Manual Integrations APPROVED
mohammad
6/8/2017 8:24:59 AM

Quant Time: Jun 07 06:58:57 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 05 16:00:35 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.56	152	53249	20.00	ng		-0.01
21) Naphthalene-d8	11.39	136	254922	20.00	ng		-0.01
38) Acenaphthene-d10	15.15	164	167513	20.00	ng		-0.01
63) Phenanthrene-d10	17.90	188	390965	20.00	ng		-0.02
75) Chrysene-d12	22.29	240	453988	20.00	ng		-0.02
86) Perylene-d12	25.99	264	413068	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	6.15	112	494789	141.79	ng		0.00
7) Phenol-d6	7.70	99	648448	126.59	ng		0.00
23) Nitrobenzene-d5	9.73	82	424232	104.66	ng		-0.01
41) 2,4,6-Tribromophenol	16.63	330	338178	153.31	ng		-0.01
44) 2-Fluorobiphenyl	13.77	172	1025570	85.65	ng		-0.02
78) Terphenyl-d14	20.47	244	1607152	90.31	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	4.17	88	51967	35.916	ng		84
3) Pyridine	4.55	79	121158	27.163	ng	#	74
4) n-Nitrosodimethylamine	4.45	42	69790	42.258	ng	#	55
6) Aniline	7.89	93	190133	29.476	ng	#	93
8) 2-Chlorophenol	8.13	128	185666	50.388	ng		89
9) Benzaldehyde	7.71	77	79762	22.521	ng		86
10) Phenol	7.72	94	234261	44.721	ng		76
11) bis(2-Chloroethyl)ether	7.97	93	186746	43.456	ng	#	83
12) 1,3-Dichlorobenzene	8.45	146	166537	40.072	ng	#	92
13) 1,4-Dichlorobenzene	8.60	146	172387	40.417	ng		97
14) 1,2-Dichlorobenzene	8.92	146	169035	40.633	ng		94
15) Benzyl Alcohol	8.79	79	188651	52.271	ng	#	84
16) 2,2'-oxybis(1-Chloropropan	9.07	45	274702	44.675	ng		91
17) 2-Methylphenol	8.98	107	177222	47.862	ng	#	86
18) Hexachloroethane	9.65	117	60612	42.186	ng		87
19) n-Nitroso-di-n-propylamine	9.36	70	162011	45.212	ng	#	85
20) 3+4-Methylphenols	9.31	107	242577	47.294	ng		91
22) Acetophenone	9.38	105	297053	45.566	ng	#	83
24) Nitrobenzene	9.77	77	225020	48.727	ng	#	88
25) Isophorone	10.29	82	451229	47.341	ng	#	96
26) 2-Nitrophenol	10.48	139	98267	51.074	ng	#	76
27) 2,4-Dimethylphenol	10.52	122	212887	51.947	ng		91
28) bis(2-Chloroethoxy)methane	10.76	93	281464	45.606	ng		99
29) 2,4-Dichlorophenol	11.02	162	193228	51.648	ng		97
30) 1,2,4-Trichlorobenzene	11.24	180	176390	42.579	ng		98
31) Naphthalene	11.44	128	664165	47.671	ng		99
32) Benzoic acid	10.63	122	122001	43.868	ng	#	85
33) 4-Chloroaniline	11.53	127	23995	4.133	ng	#	86
34) Hexachlorobutadiene	11.71	225	104527	41.055	ng		97
35) Caprolactam	12.31	113	55975m	43.624	ng		
36) 4-Chloro-3-methylphenol	12.60	107	241539	51.511	ng		91
37) 2-Methylnaphthalene	13.00	142	451430m	44.419	ng		
39) 1,2,4,5-Tetrachlorobenzene	13.36	216	216049	41.401	ng		98
40) Hexachlorocyclopentadiene	13.34	237	276237	99.455	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.58	196	160192	50.610	ng		96
43) 2,4,5-Trichlorophenol	13.65	196	179096	50.565	ng		94
45) 1,1'-Biphenyl	13.98	154	604833	44.235	ng		97
46) 2-Chloronaphthalene	14.04	162	454320	44.319	ng		99
47) 2-Nitroaniline	14.22	65	158295	53.402	ng	#	83
48) Acenaphthylene	14.88	152	759072	43.753	ng		98
49) Dimethylphthalate	14.59	163	623715	46.937	ng		98
50) 2,6-Dinitrotoluene	14.70	165	134980	49.767	ng	#	78
51) Acenaphthene	15.21	154	554875	49.169	ng		98
52) 3-Nitroaniline	15.04	138	64429	25.758	ng		91
53) 2,4-Dinitrophenol	15.24	184	155241	104.763	ng		93
54) Dibenzofuran	15.55	168	748237	47.447	ng		91
55) 4-Nitrophenol	15.32	139	217991	86.322	ng	#	56
56) 2,4-Dinitrotoluene	15.49	165	186857	53.216	ng	#	83
57) Fluorene	16.19	166	613773	43.819	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.76	232	172517	54.564	ng		99
59) Diethylphthalate	15.94	149	635008	47.909	ng		98
60) 4-Chlorophenyl-phenylether	16.17	204	312539	44.296	ng		94
61) 4-Nitroaniline	16.20	138	142426	49.497	ng	#	63
62) Azobenzene	16.47	77	628327	51.147	ng		89
64) 4,6-Dinitro-2-methylphenol	16.25	198	106951	57.489	ng		91
65) n-Nitrosodiphenylamine	16.39	169	552795	45.100	ng		98
66) 4-Bromophenyl-phenylether	17.07	248	209451	45.264	ng		97
67) Hexachlorobenzene	17.20	284	223992	45.004	ng		90
68) Atrazine	17.33	200	186798	45.574	ng		97
69) Pentachlorophenol	17.54	266	283022	97.011	ng		96
70) Phenanthrene	17.94	178	996763	45.314	ng		96
71) Anthracene	18.03	178	1008422	45.761	ng		99
72) Carbazole	18.29	167	886577	42.655	ng		96
73) Di-n-butylphthalate	18.82	149	1061706	52.678	ng	#	93
74) Fluoranthene	19.93	202	1126371	47.933	ng		95
77) Pyrene	20.29	202	1170853	42.685	ng		98
79) Butylbenzylphthalate	21.18	149	482500	49.781	ng		91
80) Benzo(a)anthracene	22.27	228	1170607	45.214	ng		95
81) 3,3'-Dichlorobenzidine	22.15	252	251658	24.986	ng	#	98
82) Chrysene	22.34	228	1096732	44.122	ng		96
83) Bis(2-ethylhexyl)phthalate	22.13	149	684670	46.744	ng		99
84) Di-n-octyl phthalate	23.51	149	1172391	48.328	ng	#	88
85) Indeno(1,2,3-cd)pyrene	30.25	276	1372013	45.577	ng	#	94
87) Benzo(b)fluoranthene	24.80	252	1205427	47.054	ng	#	95
88) Benzo(k)fluoranthene	24.88	252	1143318	45.492	ng	#	93
89) Benzo(a)pyrene	25.81	252	1136072	47.108	ng	#	95
90) Dibenzo(a,h)anthracene	30.33	278	1188523	47.079	ng	#	95
91) Benzo(g,h,i)perylene	31.59	276	1117973	45.727	ng	#	90

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

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