Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102017\
Data File : BG029375.D
Acq On : 20 Oct 2017 16:47
Operator : SJ/JU
Sample : I5922-01MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ENV-115-7(0-5)MSD

Manual Integrations APPROVED
Sohil
10/23/2017 3:40:45 PM

Quant Time: Oct 20 18:44:35 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 16 17:32:15 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	55210	20.00	ng		0.00
21) Naphthalene-d8	10.98	136	256351	20.00	ng		0.00
38) Acenaphthene-d10	14.78	164	174244	20.00	ng		0.00
63) Phenanthrene-d10	17.52	188	456937	20.00	ng		0.00
75) Chrysene-d12	21.79	240	498681	20.00	ng		0.00
86) Perylene-d12	25.10	264	527432	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	455011	137.68	ng		0.00
7) Phenol-d6	7.32	99	625681	134.88	ng		0.00
23) Nitrobenzene-d5	9.33	82	356939	88.48	ng		0.00
41) 2,4,6-Tribromophenol	16.27	330	347543	154.49	ng		0.00
44) 2-Fluorobiphenyl	13.41	172	897959	75.58	ng		0.00
78) Terphenyl-d14	20.11	244	1568434	71.55	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	44279	33.022	ng		87
3) Pyridine	3.98	79	130865	33.513	ng		90
4) n-Nitrosodimethylamine	3.90	42	70876	38.830	ng	#	90
6) Aniline	7.49	93	161032	28.033	ng		93
8) 2-Chlorophenol	7.73	128	145379	38.377	ng		95
9) Benzaldehyde	7.30	77	40660	17.426	ng		94
10) Phenol	7.34	94	229295	45.848	ng		93
11) bis(2-Chloroethyl)ether	7.58	93	138461	37.999	ng		92
12) 1,3-Dichlorobenzene	8.06	146	151791	35.690	ng		97
13) 1,4-Dichlorobenzene	8.20	146	154720	35.632	ng		94
14) 1,2-Dichlorobenzene	8.53	146	148610	35.483	ng		97
15) Benzyl Alcohol	8.40	79	138038	42.225	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.70	45	232697	37.604	ng		95
17) 2-Methylphenol	8.60	107	135441	40.768	ng		99
18) Hexachloroethane	9.25	117	53417	36.099	ng		90
19) n-Nitroso-di-n-propylamine	8.97	70	118135	37.453	ng		97
20) 3+4-Methylphenols	8.93	107	189405	40.461	ng		97
22) Acetophenone	8.99	105	221829	35.907	ng	#	94
24) Nitrobenzene	9.37	77	167086	36.838	ng	#	93
25) Isophorone	9.89	82	330154	39.204	ng	#	94
26) 2-Nitrophenol	10.09	139	87344	40.291	ng		90
27) 2,4-Dimethylphenol	10.14	122	158576	40.431	ng		94
28) bis(2-Chloroethoxy)methane	10.38	93	197763	38.297	ng		96
29) 2,4-Dichlorophenol	10.62	162	169056	40.420	ng		92
30) 1,2,4-Trichlorobenzene	10.84	180	169197	37.445	ng		94
31) Naphthalene	11.03	128	460892	36.075	ng		99
32) Benzoic acid	10.27	122	133781	40.736	ng	#	83
33) 4-Chloroaniline	11.13	127	127083	23.647	ng		94
34) Hexachlorobutadiene	11.32	225	101876	36.262	ng		96
35) Caprolactam	11.90	113	66685m	47.974	ng		
36) 4-Chloro-3-methylphenol	12.24	107	185015	40.220	ng		92
37) 2-Methylnaphthalene	12.63	142	371972	39.948	ng		93
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	199032	31.286	ng		98
40) Hexachlorocyclopentadiene	12.97	237	255589	104.538	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	150625	37.717	ng		97
43) 2,4,5-Trichlorophenol	13.30	196	167190	40.765	ng		96
45) 1,1'-Biphenyl	13.62	154	504162	33.663	ng		97
46) 2-Chloronaphthalene	13.67	162	387194	35.443	ng		96
47) 2-Nitroaniline	13.87	65	128715	42.896	ng		90
48) Acenaphthylene	14.51	152	633267	37.040	ng		98
49) Dimethylphthalate	14.23	163	562078	41.344	ng		99
50) 2,6-Dinitrotoluene	14.35	165	120470	42.271	ng	#	78
51) Acenaphthene	14.85	154	396872	35.677	ng		98
52) 3-Nitroaniline	14.68	138	96137	31.261	ng	#	82
53) 2,4-Dinitrophenol	14.89	184	137882	87.207	ng	#	53
54) Dibenzofuran	15.18	168	641145	40.374	ng		99
55) 4-Nitrophenol	14.99	139	234813	92.616	ng	#	82
56) 2,4-Dinitrotoluene	15.14	165	176698	45.801	ng	#	78
57) Fluorene	15.83	166	514652	39.231	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.41	232	169005	49.392	ng		94
59) Diethylphthalate	15.59	149	558407	41.215	ng		99
60) 4-Chlorophenyl-phenylether	15.82	204	280364	40.084	ng		93
61) 4-Nitroaniline	15.84	138	141737	44.885	ng		89
62) Azobenzene	16.11	77	487785	42.694	ng		98
64) 4,6-Dinitro-2-methylphenol	15.90	198	100079	39.503	ng		87
65) n-Nitrosodiphenylamine	16.03	169	484140	35.370	ng		99
66) 4-Bromophenyl-phenylether	16.70	248	192529	36.719	ng		96
67) Hexachlorobenzene	16.83	284	203177	34.210	ng		94
68) Atrazine	16.97	200	203173	41.599	ng		98
69) Pentachlorophenol	17.17	266	279142	81.817	ng		99
70) Phenanthrene	17.56	178	938059	39.739	ng		97
71) Anthracene	17.66	178	922425	38.916	ng		99
72) Carbazole	17.92	167	872839	38.334	ng		99
73) Di-n-butylphthalate	18.47	149	1024048	39.104	ng		100
74) Fluoranthene	19.56	202	1144017	41.435	ng		97
76) Benzidine	19.73	184	506010	33.606	ng		99
77) Pyrene	19.92	202	1158671	38.302	ng		97
79) Butylbenzylphthalate	20.79	149	479906	37.236	ng		88
80) Benzo(a)anthracene	21.77	228	1145298	39.117	ng		98
81) 3,3'-Dichlorobenzidine	21.68	252	303517	25.115	ng		99
82) Chrysene	21.85	228	1076021	38.375	ng		97
83) Bis(2-ethylhexyl)phthalate	21.67	149	673599	36.418	ng		99
84) Di-n-octyl phthalate	22.91	149	1171818	36.351	ng		97
85) Indeno(1,2,3-cd)pyrene	28.89	276	1385142	40.154	ng		98
87) Benzo(b)fluoranthene	24.05	252	1180555	39.097	ng		100
88) Benzo(k)fluoranthene	24.12	252	1140272	37.904	ng		98
89) Benzo(a)pyrene	24.95	252	1148801	39.574	ng		99
90) Dibenzo(a,h)anthracene	28.95	278	1165742	39.666	ng		97
91) Benzo(g,h,i)perylene	30.08	276	1148663	42.066	ng		98

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

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