Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG062817\
Data File : BG027730.D
Acq On : 29 Jun 2017 7:20
Operator : SJ/JU
Sample : I3925-03MS
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HD-01-062617MS

Manual Integrations APPROVED
mohammad
6/29/2017 4:49:04 PM

Quant Time: Jun 29 12:08:49 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 28 19:26:37 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.48	152	34445	20.00	ng		0.00
21) Naphthalene-d8	11.29	136	165892	20.00	ng		0.00
38) Acenaphthene-d10	15.06	164	103263	20.00	ng		0.00
63) Phenanthrene-d10	17.81	188	261638	20.00	ng		0.00
75) Chrysene-d12	22.17	240	291741	20.00	ng		0.00
86) Perylene-d12	25.78	264	271638	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.06	112	298702	133.54	ng		0.00
7) Phenol-d6	7.62	99	410995	120.27	ng		0.00
23) Nitrobenzene-d5	9.64	82	261618	87.91	ng		0.00
41) 2,4,6-Tribromophenol	16.55	330	213347	150.63	ng		0.00
44) 2-Fluorobiphenyl	13.69	172	644704	89.17	ng		0.00
78) Terphenyl-d14	20.39	244	1188500	95.51	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	4.05	88	26996	32.416	ng	#	89
3) Pyridine	4.44	79	81128	31.637	ng		93
4) n-Nitrosodimethylamine	4.34	42	49100	39.045	ng	#	78
6) Aniline	7.80	93	147034	37.120	ng		95
8) 2-Chlorophenol	8.04	128	112751	45.109	ng		94
9) Benzaldehyde	7.62	77	52447	25.793	ng		88
10) Phenol	7.65	94	140265	41.488	ng		79
11) bis(2-Chloroethyl)ether	7.88	93	104150	40.556	ng		95
12) 1,3-Dichlorobenzene	8.36	146	101733	38.264	ng	#	91
13) 1,4-Dichlorobenzene	8.51	146	105849	38.423	ng		95
14) 1,2-Dichlorobenzene	8.83	146	103550	38.766	ng		96
15) Benzyl Alcohol	8.71	79	107515	45.482	ng	#	83
16) 2,2'-oxybis(1-Chloropropan	8.99	45	221624	40.461	ng		97
17) 2-Methylphenol	8.90	107	102281	42.762	ng	#	85
18) Hexachloroethane	9.56	117	37310	38.502	ng	#	80
19) n-Nitroso-di-n-propylamine	9.26	70	94597	38.051	ng		94
20) 3+4-Methylphenols	9.22	107	142711	41.375	ng		90
22) Acetophenone	9.29	105	170444	42.578	ng	#	89
24) Nitrobenzene	9.69	77	129192	41.521	ng	#	83
25) Isophorone	10.20	82	267755	41.275	ng	#	94
26) 2-Nitrophenol	10.40	139	61898	44.042	ng	#	79
27) 2,4-Dimethylphenol	10.43	122	124092	47.141	ng		92
28) bis(2-Chloroethoxy)methane	10.67	93	152137	41.366	ng		96
29) 2,4-Dichlorophenol	10.93	162	108621	47.085	ng		97
30) 1,2,4-Trichlorobenzene	11.15	180	98527	41.877	ng		97
31) Naphthalene	11.34	128	360995	40.920	ng		100
32) Benzoic acid	10.55	122	62000	40.282	ng	#	84
33) 4-Chloroaniline	11.44	127	88253	23.156	ng	#	88
34) Hexachlorobutadiene	11.62	225	54294	41.416	ng		98
35) Caprolactam	12.21	113	43621m	37.594	ng		
36) 4-Chloro-3-methylphenol	12.53	107	147515	45.443	ng		91
37) 2-Methylnaphthalene	12.91	142	272080m	41.407	ng		
39) 1,2,4,5-Tetrachlorobenzene	13.27	216	116613	42.975	ng		98
40) Hexachlorocyclopentadiene	13.25	237	125437	98.044	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.51	196	90576	46.216	ng		95
43) 2,4,5-Trichlorophenol	13.58	196	100704	45.348	ng	#	97
45) 1,1'-Biphenyl	13.90	154	362002	43.737	ng		98
46) 2-Chloronaphthalene	13.95	162	269728	43.139	ng		98
47) 2-Nitroaniline	14.15	65	113975	45.540	ng	#	84
48) Acenaphthylene	14.79	152	469098	41.059	ng		97
49) Dimethylphthalate	14.50	163	394119	44.740	ng		98
50) 2,6-Dinitrotoluene	14.63	165	85019	44.398	ng	#	82
51) Acenaphthene	15.13	154	296100	40.436	ng		96
52) 3-Nitroaniline	14.96	138	82015	36.406	ng		84
53) 2,4-Dinitrophenol	15.17	184	95199	89.451	ng		92
54) Dibenzofuran	15.46	168	444481	45.905	ng		95
55) 4-Nitrophenol	15.26	139	164986	95.939	ng	#	55
56) 2,4-Dinitrotoluene	15.41	165	126504	47.363	ng	#	91
57) Fluorene	16.11	166	391064	41.655	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.68	232	94598m	49.417	ng		
59) Diethylphthalate	15.86	149	443202	45.437	ng		95
60) 4-Chlorophenyl-phenylether	16.09	204	180851	43.516	ng		92
61) 4-Nitroaniline	16.13	138	115235	49.099	ng	#	63
62) Azobenzene	16.38	77	414082	48.311	ng		93
64) 4,6-Dinitro-2-methylphenol	16.18	198	68579	42.758	ng		81
65) n-Nitrosodiphenylamine	16.30	169	362059	42.540	ng		99
66) 4-Bromophenyl-phenylether	16.98	248	118654	43.360	ng	#	90
67) Hexachlorobenzene	17.11	284	122354	42.220	ng		97
68) Atrazine	17.24	200	131399	48.900	ng		97
69) Pentachlorophenol	17.45	266	159285	85.618	ng		99
70) Phenanthrene	17.85	178	665780	44.079	ng		94
71) Anthracene	17.95	178	673864	44.181	ng		97
72) Carbazole	18.21	167	630935	42.003	ng		97
73) Di-n-butylphthalate	18.74	149	797991	48.342	ng	#	94
74) Fluoranthene	19.85	202	767831	46.514	ng		92
76) Benzidine	20.02	184	153802	23.880	ng		96
77) Pyrene	20.21	202	789263	43.109	ng		95
79) Butylbenzylphthalate	21.08	149	372151	45.132	ng	#	89
80) Benzo(a)anthracene	22.15	228	765010	43.372	ng		95
81) 3,3'-Dichlorobenzidine	22.05	252	217932	34.043	ng	#	98
82) Chrysene	22.23	228	702194	42.473	ng		96
83) Bis(2-ethylhexyl)phthalate	22.00	149	535597	44.447	ng	#	95
84) Di-n-octyl phthalate	23.35	149	912003	45.811	ng	#	91
85) Indeno(1,2,3-cd)pyrene	29.94	276	859609	45.492	ng	#	95
87) Benzo(b)fluoranthene	24.63	252	752374	42.992	ng	#	94
88) Benzo(k)fluoranthene	24.70	252	738588	42.696	ng	#	92
89) Benzo(a)pyrene	25.61	252	713743	43.464	ng	#	91
90) Dibenzo(a,h)anthracene	30.01	278	729236	43.835	ng	#	93
91) Benzo(g,h,i)perylene	31.25	276	686673	42.950	ng	#	86

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

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