Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG062217\
Data File : BG027607.D
Acq On : 22 Jun 2017 22:12
Operator : SJ/JU
Sample : I3802-03MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OK-02-062017MSD

Manual Integrations APPROVED
mohammad
6/26/2017 8:33:05 AM

Quant Time: Jun 23 02:47:50 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 21 18:52:15 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.50	152	22320	20.00	ng		0.00
21) Naphthalene-d8	11.32	136	103972	20.00	ng		0.00
38) Acenaphthene-d10	15.09	164	66012	20.00	ng		0.00
63) Phenanthrene-d10	17.84	188	181489	20.00	ng		0.00
75) Chrysene-d12	22.21	240	209415	20.00	ng		0.00
86) Perylene-d12	25.85	264	198381	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.09	112	205404	130.97	ng		0.00
7) Phenol-d6	7.65	99	265221	114.24	ng		0.00
23) Nitrobenzene-d5	9.67	82	200040	91.04	ng		0.00
41) 2,4,6-Tribromophenol	16.57	330	161894	164.50	ng		0.00
44) 2-Fluorobiphenyl	13.71	172	444218	91.92	ng		0.00
78) Terphenyl-d14	20.42	244	863431	97.14	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	4.10	88	20824	34.20	ng		94
3) Pyridine	4.48	79	52785	26.78	ng	#	80
4) n-Nitrosodimethylamine	4.38	42	37963	42.20	ng	#	81
6) Aniline	7.83	93	63519	22.42	ng		97
8) 2-Chlorophenol	8.07	128	75812	45.69	ng		90
9) Benzaldehyde	7.65	77	45507	28.85	ng		93
10) Phenol	7.67	94	93455	39.51	ng		94
11) bis(2-Chloroethyl)ether	7.91	93	72224	39.02	ng		92
12) 1,3-Dichlorobenzene	8.40	146	67760	38.68	ng		97
13) 1,4-Dichlorobenzene	8.54	146	68957	38.99	ng		98
14) 1,2-Dichlorobenzene	8.86	146	67741	38.98	ng		97
15) Benzyl Alcohol	8.74	79	84244	45.45	ng		94
16) 2,2'-oxybis(1-Chloropropan	9.01	45	106052	34.53	ng		89
17) 2-Methylphenol	8.92	107	68877	41.39	ng		94
18) Hexachloroethane	9.59	117	26920	38.82	ng		87
19) n-Nitroso-di-n-propylamine	9.29	70	69439	37.65	ng		90
20) 3+4-Methylphenols	9.25	107	93276	40.93	ng		95
22) Acetophenone	9.32	105	124498	43.66	ng	#	89
24) Nitrobenzene	9.71	77	102744	42.66	ng		91
25) Isophorone	10.23	82	189924	42.07	ng		99
26) 2-Nitrophenol	10.42	139	40402	45.35	ng		96
27) 2,4-Dimethylphenol	10.46	122	78292	46.54	ng		96
28) bis(2-Chloroethoxy)methane	10.70	93	106279	41.77	ng		99
29) 2,4-Dichlorophenol	10.96	162	72323	49.77	ng		97
30) 1,2,4-Trichlorobenzene	11.18	180	73283	44.11	ng		92
31) Naphthalene	11.37	128	236650	42.11	ng		99
32) Benzoic acid	10.58	122	50057	42.79	ng		93
33) 4-Chloroaniline	11.49	127	7591	3.19	ng	#	87
34) Hexachlorobutadiene	11.64	225	45231	45.05	ng		98
35) Caprolactam	12.25	113	24656m	36.40	ng		
36) 4-Chloro-3-methylphenol	12.56	107	107256	48.13	ng		97
37) 2-Methylnaphthalene	12.94	142	181447	44.43	ng		95
39) 1,2,4,5-Tetrachlorobenzene	13.30	216	93630	45.23	ng		97
40) Hexachlorocyclopentadiene	13.28	237	110982	100.02	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.53	196	66509	49.72	ng		95
43) 2,4,5-Trichlorophenol	13.60	196	76070	48.39	ng		97
45) 1,1'-Biphenyl	13.92	154	245537	44.61	ng		97
46) 2-Chloronaphthalene	13.98	162	182153	44.50	ng		94
47) 2-Nitroaniline	14.17	65	83808	45.60	ng		94
48) Acenaphthylene	14.82	152	301829	42.08	ng		97
49) Dimethylphthalate	14.53	163	274226	47.44	ng		97
50) 2,6-Dinitrotoluene	14.65	165	60665	48.37	ng		95
51) Acenaphthene	15.15	154	242521	48.52	ng		99
52) 3-Nitroaniline	14.99	138	24494	18.50	ng		96
53) 2,4-Dinitrophenol	15.19	184	68208	96.22	ng	#	84
54) Dibenzofuran	15.49	168	307434	47.22	ng		100
55) 4-Nitrophenol	15.28	139	98029	88.44	ng	#	79
56) 2,4-Dinitrotoluene	15.44	165	90507	50.89	ng	#	98
57) Fluorene	16.13	166	272297	44.16	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.70	232	76674	55.39	ng		92
59) Diethylphthalate	15.88	149	301515	47.81	ng		96
60) 4-Chlorophenyl-phenylether	16.12	204	139995	46.14	ng		96
61) 4-Nitroaniline	16.15	138	65943	45.40	ng		87
62) Azobenzene	16.40	77	301262	46.58	ng		94
64) 4,6-Dinitro-2-methylphenol	16.20	198	50068	43.44	ng		86
65) n-Nitrosodiphenylamine	16.33	169	243784	43.82	ng		99
66) 4-Bromophenyl-phenylether	17.01	248	93423	46.80	ng		93
67) Hexachlorobenzene	17.14	284	98250	46.06	ng		99
68) Atrazine	17.27	200	98243	48.20	ng		97
69) Pentachlorophenol	17.48	266	124670	94.09	ng		96
70) Phenanthrene	17.88	178	462295	44.78	ng		94
71) Anthracene	17.97	178	463315	44.57	ng		97
72) Carbazole	18.24	167	413078	40.79	ng		97
73) Di-n-butylphthalate	18.76	149	527395	46.48	ng	#	95
74) Fluoranthene	19.87	202	555693	46.20	ng		94
76) Benzidine	20.04	184	86915	16.91	ng		97
77) Pyrene	20.23	202	567219	44.56	ng		96
79) Butylbenzylphthalate	21.11	149	247994	46.68	ng		94
80) Benzo(a)anthracene	22.18	228	564660	44.94	ng		94
81) 3,3'-Dichlorobenzidine	22.08	252	105160	23.15	ng	#	97
82) Chrysene	22.26	228	523388	43.96	ng		93
83) Bis(2-ethylhexyl)phthalate	22.04	149	354946	45.58	ng		97
84) Di-n-octyl phthalate	23.39	149	602315	46.50	ng	#	90
85) Indeno(1,2,3-cd)pyrene	30.03	276	638663	47.07	ng	#	94
87) Benzo(b)fluoranthene	24.68	252	567719	44.76	ng	#	96
88) Benzo(k)fluoranthene	24.75	252	544512	43.88	ng	#	93
89) Benzo(a)pyrene	25.67	252	533643	44.58	ng	#	93
90) Dibenzo(a,h)anthracene	30.11	278	546527	44.83	ng		98
91) Benzo(g,h,i)perylene	31.34	276	522819	44.15	ng	#	93

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

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