Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062117\
Data File : BG027574.D
Acq On : 22 Jun 2017 00:03
Operator : SJ/JU
Sample : PB99895BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB99895BS

Manual Integrations APPROVED
mohammad
6/22/2017 6:04:24 PM

Quant Time: Jun 22 03:56:34 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	8.51	152	19722	20.00	ng		0.00
21) Naphthalene-d8	11.32	136	93663	20.00	ng		0.00
38) Acenaphthene-d10	15.09	164	66650	20.00	ng		0.00
63) Phenanthrene-d10	17.84	188	187973	20.00	ng		0.00
75) Chrysene-d12	22.21	240	209636	20.00	ng		0.00
86) Perylene-d12	25.84	264	196901	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.09	112	127104	91.72	ng		0.00
7) Phenol-d6	7.64	99	182646	89.03	ng		0.00
23) Nitrobenzene-d5	9.67	82	169474	85.62	ng		0.00
41) 2,4,6-Tribromophenol	16.58	330	92401	92.99	ng		0.00
44) 2-Fluorobiphenyl	13.71	172	399999	81.98	ng		0.00
78) Terphenyl-d14	20.42	244	802705	90.22	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	4.09	88	19486	36.219	ng	#	91
3) Pyridine	4.47	79	57319	32.911	ng	#	82
4) n-Nitrosodimethylamine	4.38	42	31950	40.196	ng	#	74
6) Aniline	7.83	93	72332	28.892	ng		98
8) 2-Chlorophenol	8.07	128	65397	44.602	ng		98
9) Benzaldehyde	7.65	77	21086	15.127	ng		92
10) Phenol	7.67	94	94797	45.361	ng		91
11) bis(2-Chloroethyl)ether	7.91	93	61410	37.544	ng		92
12) 1,3-Dichlorobenzene	8.39	146	60407	39.028	ng		99
13) 1,4-Dichlorobenzene	8.54	146	62630	40.080	ng		98
14) 1,2-Dichlorobenzene	8.86	146	59845	38.973	ng		95
15) Benzyl Alcohol	8.73	79	74630	45.564	ng		94
16) 2,2'-oxybis(1-Chloropropan	9.01	45	99970	36.836	ng		93
17) 2-Methylphenol	8.92	107	62935	42.797	ng		92
18) Hexachloroethane	9.59	117	24047	39.242	ng	#	78
19) n-Nitroso-di-n-propylamine	9.29	70	60943	37.401	ng	#	87
20) 3+4-Methylphenols	9.25	107	87769	43.592	ng		95
22) Acetophenone	9.32	105	105133	40.931	ng	#	90
24) Nitrobenzene	9.71	77	87848	40.489	ng		93
25) Isophorone	10.23	82	166333	40.900	ng	#	97
26) 2-Nitrophenol	10.42	139	34271	42.704	ng		95
27) 2,4-Dimethylphenol	10.46	122	72268	47.683	ng		96
28) bis(2-Chloroethoxy)methane	10.70	93	93429	40.761	ng		97
29) 2,4-Dichlorophenol	10.96	162	65329	49.905	ng		98
30) 1,2,4-Trichlorobenzene	11.18	180	62291	41.620	ng		99
31) Naphthalene	11.37	128	207326	40.954	ng		97
32) Benzoic acid	10.57	122	46967	44.241	ng		97
33) 4-Chloroaniline	11.48	127	31295	14.576	ng		94
34) Hexachlorobutadiene	11.64	225	36534	40.393	ng		100
35) Caprolactam	12.24	113	32340m	53.006	ng		
36) 4-Chloro-3-methylphenol	12.55	107	102389	51.000	ng		98
37) 2-Methylnaphthalene	12.94	142	160519	43.630	ng		98
39) 1,2,4,5-Tetrachlorobenzene	13.30	216	79531	38.052	ng	#	97
40) Hexachlorocyclopentadiene	13.28	237	103199	92.118	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.53	196	62234	46.080	ng		97
43) 2,4,5-Trichlorophenol	13.61	196	69835	44.002	ng	#	94
45) 1,1'-Biphenyl	13.92	154	220348	39.649	ng		98
46) 2-Chloronaphthalene	13.98	162	165477	40.035	ng		96
47) 2-Nitroaniline	14.17	65	82654	44.544	ng		98
48) Acenaphthylene	14.82	152	285433	39.409	ng		98
49) Dimethylphthalate	14.53	163	262439	44.971	ng		97
50) 2,6-Dinitrotoluene	14.65	165	57840	45.677	ng		92
51) Acenaphthene	15.16	154	194641	38.570	ng		100
52) 3-Nitroaniline	14.99	138	31777	23.774	ng		96
53) 2,4-Dinitrophenol	15.19	184	71767	100.273	ng	#	86
54) Dibenzofuran	15.49	168	289813	44.091	ng		99
55) 4-Nitrophenol	15.28	139	106868	95.496	ng	#	78
56) 2,4-Dinitrotoluene	15.44	165	87881	48.942	ng	#	96
57) Fluorene	16.13	166	257746	41.404	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.70	232	72845	52.124	ng		90
59) Diethylphthalate	15.88	149	295977	46.480	ng		97
60) 4-Chlorophenyl-phenylether	16.11	204	131520	42.933	ng		95
61) 4-Nitroaniline	16.16	138	68163	46.482	ng	#	83
62) Azobenzene	16.41	77	306126	46.884	ng		93
64) 4,6-Dinitro-2-methylphenol	16.20	198	49558	41.516	ng		76
65) n-Nitrosodiphenylamine	16.33	169	240537	41.743	ng		98
66) 4-Bromophenyl-phenylether	17.01	248	86942	42.055	ng	#	89
67) Hexachlorobenzene	17.14	284	90618	41.017	ng		96
68) Atrazine	17.27	200	93948	44.505	ng		96
69) Pentachlorophenol	17.48	266	119101	86.786	ng		98
70) Phenanthrene	17.88	178	448868	41.976	ng		95
71) Anthracene	17.98	178	453741	42.143	ng		95
72) Carbazole	18.24	167	405322	38.642	ng		96
73) Di-n-butylphthalate	18.76	149	518209	44.094	ng	#	94
74) Fluoranthene	19.88	202	527047	42.304	ng		93
76) Benzidine	20.05	184	171645	33.361	ng		97
77) Pyrene	20.24	202	538272	42.239	ng		95
79) Butylbenzylphthalate	21.11	149	240995	45.310	ng		97
80) Benzo(a)anthracene	22.19	228	532255	42.316	ng		95
81) 3,3'-Dichlorobenzidine	22.08	252	114049	25.079	ng	#	98
82) Chrysene	22.27	228	498607	41.836	ng		93
83) Bis(2-ethylhexyl)phthalate	22.04	149	341701	43.829	ng		97
84) Di-n-octyl phthalate	23.39	149	593430	45.761	ng	#	91
85) Indeno(1,2,3-cd)pyrene	30.04	276	596769	43.938	ng	#	94
87) Benzo(b)fluoranthene	24.68	252	534150	42.429	ng	#	95
88) Benzo(k)fluoranthene	24.76	252	511913	41.562	ng	#	94
89) Benzo(a)pyrene	25.68	252	508083	42.765	ng	#	94
90) Dibenzo(a,h)anthracene	30.11	278	509793	42.126	ng	#	94
91) Benzo(g,h,i)perylene	31.36	276	490228	41.705	ng	#	93

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

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