Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080318\
Data File : BG036104.D
Acq On : 3 Aug 2018 21:30
Operator : JU/SJ
Sample : PB111734BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB111734BS

Manual Integrations APPROVED
Sohil
8/6/2018 9:57:47 AM

Quant Time: Aug 04 03:16:26 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 31 12:30:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	29042	20.00	ng		0.00
21) Naphthalene-d8	10.82	136	114615	20.00	ng		-0.01
38) Acenaphthene-d10	14.65	164	84464	20.00	ng		0.00
63) Phenanthrene-d10	17.39	188	221571	20.00	ng		0.00
75) Chrysene-d12	21.65	240	239990	20.00	ng		0.00
86) Perylene-d12	24.85	264	219413	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	239123	136.70	ng		0.00
7) Phenol-d6	7.20	99	352690	135.14	ng		0.00
23) Nitrobenzene-d5	9.18	82	227879	83.06	ng		0.00
41) 2,4,6-Tribromophenol	16.14	330	161506	145.07	ng		0.00
44) 2-Fluorobiphenyl	13.27	172	554267	87.92	ng		0.00
78) Terphenyl-d14	20.00	244	1021942	93.87	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	31208	35.053	ng	#	82
3) Pyridine	3.91	79	86381	37.165	ng	#	69
4) n-Nitrosodimethylamine	3.83	42	37573	37.649	ng	#	77
6) Aniline	7.35	93	126165	37.296	ng		96
8) 2-Chlorophenol	7.59	128	84919	47.732	ng		99
9) Benzaldehyde	7.17	77	53158	33.195	ng		97
10) Phenol	7.22	94	122853	46.592	ng		96
11) bis(2-Chloroethyl)ether	7.44	93	87096	42.178	ng		90
12) 1,3-Dichlorobenzene	7.91	146	95136	44.282	ng	#	95
13) 1,4-Dichlorobenzene	8.06	146	96181	44.061	ng		98
14) 1,2-Dichlorobenzene	8.38	146	89415	42.639	ng		96
15) Benzyl Alcohol	8.27	79	95819	40.429	ng		89
16) 2,2'-oxybis(1-Chloropropan	8.55	45	94367	54.509	ng		76
17) 2-Methylphenol	8.47	107	84506	47.138	ng	#	90
18) Hexachloroethane	9.10	117	36388	43.597	ng	#	86
19) n-Nitroso-di-n-propylamine	8.82	70	83114	37.818	ng	#	81
20) 3+4-Methylphenols	8.80	107	113554	45.659	ng		88
22) Acetophenone	8.84	105	146099	40.991	ng	#	92
24) Nitrobenzene	9.23	77	117873	42.719	ng	#	95
25) Isophorone	9.75	82	227780	44.723	ng		97
26) 2-Nitrophenol	9.94	139	50652	51.688	ng	#	89
27) 2,4-Dimethylphenol	9.99	122	87810	52.936	ng		90
28) bis(2-Chloroethoxy)methane	10.23	93	121043	43.130	ng		98
29) 2,4-Dichlorophenol	10.48	162	100156	52.894	ng		96
30) 1,2,4-Trichlorobenzene	10.69	180	105943	45.628	ng		98
31) Naphthalene	10.87	128	263148	44.075	ng		100
32) Benzoic acid	10.18	122	29084m	26.045	ng		
33) 4-Chloroaniline	10.99	127	94905	36.471	ng		97
34) Hexachlorobutadiene	11.16	225	83715	46.237	ng		96
35) Caprolactam	11.77	113	33002m	40.614	ng		
36) 4-Chloro-3-methylphenol	12.11	107	121873	48.017	ng		94
37) 2-Methylnaphthalene	12.47	142	212622	47.801	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.84	216	149945	47.035	ng		99
40) Hexachlorocyclopentadiene	12.82	237	172616	103.245	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.08	196	95973	51.478	ng		95
43) 2,4,5-Trichlorophenol	13.17	196	98998	47.467	ng		99
45) 1,1'-Biphenyl	13.48	154	289675	44.236	ng		98
46) 2-Chloronaphthalene	13.52	162	235214	46.178	ng		100
47) 2-Nitroaniline	13.73	65	81416	45.212	ng		94
48) Acenaphthylene	14.37	152	385787	45.214	ng		97
49) Dimethylphthalate	14.10	163	319662	43.196	ng		99
50) 2,6-Dinitrotoluene	14.22	165	74372	49.352	ng		89
51) Acenaphthene	14.71	154	224367	42.213	ng		96
52) 3-Nitroaniline	14.56	138	57874	37.575	ng	#	93
53) 2,4-Dinitrophenol	14.76	184	56535	73.533	ng	#	59
54) Dibenzofuran	15.05	168	381940	45.183	ng		93
55) 4-Nitrophenol	14.88	139	85717	78.145	ng	#	84
56) 2,4-Dinitrotoluene	15.01	165	108002	49.956	ng		88
57) Fluorene	15.69	166	321108	45.323	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.27	232	101537	50.777	ng		91
59) Diethylphthalate	15.46	149	322780	42.419	ng		98
60) 4-Chlorophenyl-phenylether	15.68	204	184642	44.341	ng		95
61) 4-Nitroaniline	15.72	138	68532	42.536	ng	#	81
62) Azobenzene	15.97	77	325576	43.376	ng		95
64) 4,6-Dinitro-2-methylphenol	15.77	198	60522	49.069	ng		87
65) n-Nitrosodiphenylamine	15.90	169	279888	44.379	ng		99
66) 4-Bromophenyl-phenylether	16.58	248	125664	48.885	ng		94
67) Hexachlorobenzene	16.70	284	129364	48.868	ng	#	92
68) Atrazine	16.85	200	123040	47.384	ng		98
69) Pentachlorophenol	17.05	266	112382	69.698	ng		99
70) Phenanthrene	17.43	178	504851	45.663	ng		99
71) Anthracene	17.52	178	514188	46.707	ng		98
72) Carbazole	17.80	167	457075	43.719	ng		98
73) Di-n-butylphthalate	18.35	149	524420	42.447	ng	#	98
74) Fluoranthene	19.44	202	669799	44.976	ng		96
76) Benzidine	19.62	184	334684	53.045	ng		98
77) Pyrene	19.80	202	660834	43.548	ng		97
79) Butylbenzylphthalate	20.68	149	246515	45.427	ng		97
80) Benzo(a)anthracene	21.64	228	668881	44.725	ng		99
81) 3,3'-Dichlorobenzidine	21.55	252	202140	38.764	ng	#	97
82) Chrysene	21.70	228	630876	45.521	ng		99
83) Bis(2-ethylhexyl)phthalate	21.53	149	344333	46.674	ng		97
84) Di-n-octyl phthalate	22.73	149	581899	47.107	ng	#	92
85) Indeno(1,2,3-cd)pyrene	28.49	276	682799	44.500	ng	#	87
87) Benzo(b)fluoranthene	23.84	252	638618	47.887	ng	#	96
88) Benzo(k)fluoranthene	23.90	252	618011	47.402	ng	#	96
89) Benzo(a)pyrene	24.70	252	618517	49.854	ng	#	95
90) Dibenzo(a,h)anthracene	28.55	278	576524	47.333	ng	#	97
91) Benzo(g,h,i)perylene	29.63	276	580674	48.719	ng		95

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

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