Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072718\
Data File : BG035936.D
Acq On : 27 Jul 2018 14:08
Operator : JU/SJ
Sample : PB111458BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB111458BS

Manual Integrations APPROVED
Sohil
7/30/2018 2:05:24 PM

Quant Time: Jul 27 17:09:13 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 25 11:04:14 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	34382	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	142119	20.00	ng		0.00
38) Acenaphthene-d10	14.65	164	106924	20.00	ng		0.00
63) Phenanthrene-d10	17.39	188	290031	20.00	ng		0.00
75) Chrysene-d12	21.66	240	305603	20.00	ng		0.00
86) Perylene-d12	24.85	264	293172	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	320853	154.93	ng		0.00
7) Phenol-d6	7.20	99	480763	155.60	ng		0.00
23) Nitrobenzene-d5	9.19	82	308374	90.64	ng		0.00
41) 2,4,6-Tribromophenol	16.14	330	219401	155.68	ng		0.00
44) 2-Fluorobiphenyl	13.27	172	739597	92.67	ng		0.00
78) Terphenyl-d14	20.00	244	1333615	96.19	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	32448	30.785	ng	#	78
3) Pyridine	3.91	79	95380	34.663	ng	#	69
4) n-Nitrosodimethylamine	3.83	42	42905	36.314	ng	#	81
6) Aniline	7.35	93	97268	24.288	ng		95
8) 2-Chlorophenol	7.59	128	104322	49.530	ng		96
9) Benzaldehyde	7.16	77	73249	38.637	ng		97
10) Phenol	7.22	94	158653	50.824	ng		95
11) bis(2-Chloroethyl)ether	7.45	93	100652	41.172	ng		86
12) 1,3-Dichlorobenzene	7.92	146	110249	43.346	ng		96
13) 1,4-Dichlorobenzene	8.06	146	112960	43.710	ng		94
14) 1,2-Dichlorobenzene	8.38	146	107642	43.358	ng		93
15) Benzyl Alcohol	8.27	79	120911	43.093	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.55	45	119066	58.094	ng		76
17) 2-Methylphenol	8.47	107	104631	49.299	ng	#	91
18) Hexachloroethane	9.10	117	41435	41.934	ng	#	86
19) n-Nitroso-di-n-propylamine	8.83	70	98783	37.966	ng	#	88
20) 3+4-Methylphenols	8.80	107	145365	49.371	ng		92
22) Acetophenone	8.84	105	179537	40.624	ng	#	93
24) Nitrobenzene	9.23	77	144487	42.231	ng		95
25) Isophorone	9.75	82	285748	45.247	ng		99
26) 2-Nitrophenol	9.94	139	62220	51.205	ng	#	86
27) 2,4-Dimethylphenol	10.00	122	112139	54.520	ng		87
28) bis(2-Chloroethoxy)methane	10.23	93	151010	43.395	ng		98
29) 2,4-Dichlorophenol	10.48	162	124955	53.219	ng		92
30) 1,2,4-Trichlorobenzene	10.69	180	129609	45.018	ng		98
31) Naphthalene	10.88	128	328564	44.382	ng		96
32) Benzoic acid	10.17	122	37990	27.436	ng	#	88
33) 4-Chloroaniline	10.99	127	28294	8.769	ng		94
34) Hexachlorobutadiene	11.16	225	100785	44.892	ng		94
35) Caprolactam	11.77	113	41764m	41.450	ng		
36) 4-Chloro-3-methylphenol	12.12	107	154789	49.183	ng		98
37) 2-Methylnaphthalene	12.48	142	260817	47.289	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	175999	43.611	ng		98
40) Hexachlorocyclopentadiene	12.83	237	227125	107.312	ng		90

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 25 11:04:14 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	115402	48.897	ng		96
43) 2,4,5-Trichlorophenol	13.17	196	127633	48.342	ng		96
45) 1,1'-Biphenyl	13.49	154	368289	44.427	ng		97
46) 2-Chloronaphthalene	13.53	162	290314	45.023	ng		99
47) 2-Nitroaniline	13.73	65	98993	43.425	ng		92
48) Acenaphthylene	14.37	152	488031	45.182	ng		96
49) Dimethylphthalate	14.10	163	407172	43.464	ng		98
50) 2,6-Dinitrotoluene	14.23	165	93675	49.104	ng		94
51) Acenaphthene	14.71	154	283155	42.083	ng		98
52) 3-Nitroaniline	14.56	138	32418	16.626	ng	#	92
53) 2,4-Dinitrophenol	14.77	184	86392	87.401	ng	#	63
54) Dibenzofuran	15.05	168	488640	45.663	ng		97
55) 4-Nitrophenol	14.88	139	121457	87.469	ng	#	83
56) 2,4-Dinitrotoluene	15.01	165	133895	48.923	ng		87
57) Fluorene	15.69	166	403309	44.968	ng		93
58) 2,3,4,6-Tetrachlorophenol	15.28	232	129104	51.001	ng		91
59) Diethylphthalate	15.46	149	413250	42.900	ng		99
60) 4-Chlorophenyl-phenylether	15.69	204	233460	44.288	ng		97
61) 4-Nitroaniline	15.72	138	89463	43.864	ng		87
62) Azobenzene	15.98	77	413467	43.515	ng		95
64) 4,6-Dinitro-2-methylphenol	15.78	198	78779	48.795	ng		87
65) n-Nitrosodiphenylamine	15.91	169	358052	43.372	ng		96
66) 4-Bromophenyl-phenylether	16.58	248	156363	46.470	ng		90
67) Hexachlorobenzene	16.70	284	158716	45.803	ng		98
68) Atrazine	16.85	200	160745	47.292	ng		98
69) Pentachlorophenol	17.05	266	149695	70.925	ng		96
70) Phenanthrene	17.44	178	652921	45.116	ng		98
71) Anthracene	17.53	178	670726	46.545	ng		98
72) Carbazole	17.80	167	598692	43.748	ng		98
73) Di-n-butylphthalate	18.35	149	680183	42.059	ng	#	98
74) Fluoranthene	19.44	202	855561	43.889	ng		96
76) Benzidine	19.62	184	232720	28.966	ng		98
77) Pyrene	19.81	202	852161	44.099	ng		97
79) Butylbenzylphthalate	20.69	149	316423	45.791	ng		94
80) Benzo(a)anthracene	21.64	228	865699	45.457	ng		99
81) 3,3'-Dichlorobenzidine	21.55	252	168398	25.360	ng	#	98
82) Chrysene	21.70	228	805926	45.667	ng		97
83) Bis(2-ethylhexyl)phthalate	21.54	149	435221	46.327	ng	#	99
84) Di-n-octyl phthalate	22.74	149	756926	48.121	ng	#	92
85) Indeno(1,2,3-cd)pyrene	28.49	276	936359	47.923	ng	#	86
87) Benzo(b)fluoranthene	23.84	252	852299	47.831	ng	#	97
88) Benzo(k)fluoranthene	23.91	252	788812	45.281	ng	#	97
89) Benzo(a)pyrene	24.71	252	800843	48.310	ng	#	98
90) Dibenzo(a,h)anthracene	28.56	278	773586	47.533	ng	#	96
91) Benzo(g,h,i)perylene	29.65	276	782784	49.153	ng	#	92

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

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