Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062718\
Data File : BG035453.D
Acq On : 27 Jun 2018 20:11
Operator : JU/SJ
Sample : J3251-06MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SU-02-062518MS

Manual Integrations APPROVED
Sohil
6/28/2018 2:50:11 PM

Quant Time: Jun 28 01:44:07 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 08 17:16:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	48807	20.00	ng	-0.02
21) Naphthalene-d8	10.85	136	172977	20.00	ng	-0.03
38) Acenaphthene-d10	14.67	164	123882	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	329847	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	360228	20.00	ng	-0.03
86) Perylene-d12	24.90	264	352408	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	502496	173.75	ng	-0.01
7) Phenol-d6	7.22	99	657795	154.10	ng	0.00
23) Nitrobenzene-d5	9.22	82	536008	147.30	ng	-0.02
41) 2,4,6-Tribromophenol	16.17	330	377255	237.89	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	1139319	119.56	ng	-0.03
78) Terphenyl-d14	20.02	244	1971280	114.63	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.56	88	50335	36.478	ng	# 70
3) Pyridine	3.96	79	131835	35.410	ng	# 68
4) n-Nitrosodimethylamine	3.86	42	57231	35.781	ng	# 64
6) Aniline	7.38	93	129710	23.508	ng	93
8) 2-Chlorophenol	7.62	128	137628	45.399	ng	92
9) Benzaldehyde	7.19	77	92995	28.284	ng	98
10) Phenol	7.24	94	169719	38.420	ng	95
11) bis(2-Chloroethyl)ether	7.47	93	147309	42.964	ng	91
12) 1,3-Dichlorobenzene	7.94	146	155624	43.025	ng	93
13) 1,4-Dichlorobenzene	8.09	146	157808	42.264	ng	96
14) 1,2-Dichlorobenzene	8.41	146	150306	42.856	ng	95
15) Benzyl Alcohol	8.29	79	167293	41.361	ng	90
16) 2,2'-oxybis(1-Chloropropan	8.58	45	159975	46.878	ng	77
17) 2-Methylphenol	8.49	107	131576	45.178	ng	# 91
18) Hexachloroethane	9.13	117	57428	42.961	ng	93
19) n-Nitroso-di-n-propylamine	8.86	70	136379	37.607	ng	# 82
20) 3+4-Methylphenols	8.82	107	177165	42.440	ng	92
22) Acetophenone	8.88	105	250036	46.663	ng	# 90
24) Nitrobenzene	9.26	77	205272	55.086	ng	97
25) Isophorone	9.77	82	378192	49.224	ng	98
26) 2-Nitrophenol	9.96	139	84923	66.116	ng	# 91
27) 2,4-Dimethylphenol	10.02	122	141922	52.567	ng	90
28) bis(2-Chloroethoxy)methane	10.26	93	205228	49.707	ng	97
29) 2,4-Dichlorophenol	10.50	162	168172	57.247	ng	95
30) 1,2,4-Trichlorobenzene	10.72	180	178048	50.545	ng	97
31) Naphthalene	10.91	128	451425	50.237	ng	99
32) Benzoic acid	10.15	122	47290	26.151	ng	89
33) 4-Chloroaniline	11.01	127	27310	6.999	ng	# 86
34) Hexachlorobutadiene	11.19	225	133566	48.755	ng	96
35) Caprolactam	11.79	113	37133m	34.202	ng	
36) 4-Chloro-3-methylphenol	12.13	107	194434	53.096	ng	93
37) 2-Methylnaphthalene	12.51	142	350336	51.423	ng	93
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	240219	52.059	ng	98
40) Hexachlorocyclopentadiene	12.85	237	273761	94.608	ng	91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	153444	55.536	ng		97
43) 2,4,5-Trichlorophenol	13.19	196	170390	56.186	ng	#	97
45) 1,1'-Biphenyl	13.51	154	480200	48.206	ng		98
46) 2-Chloronaphthalene	13.56	162	372947	49.519	ng		99
47) 2-Nitroaniline	13.76	65	130881	58.850	ng		90
48) Acenaphthylene	14.40	152	625254	49.511	ng		97
49) Dimethylphthalate	14.13	163	521577	48.281	ng		99
50) 2,6-Dinitrotoluene	14.24	165	118876	60.318	ng		91
51) Acenaphthene	14.74	154	378909	45.922	ng		98
52) 3-Nitroaniline	14.57	138	64523	33.365	ng	#	96
53) 2,4-Dinitrophenol	14.78	184	62192	77.974	ng	#	66
54) Dibenzofuran	15.07	168	613526	49.647	ng		94
55) 4-Nitrophenol	14.88	139	132723	81.319	ng	#	82
56) 2,4-Dinitrotoluene	15.03	165	172086	65.732	ng	#	88
57) Fluorene	15.72	166	513484	49.719	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.30	232	172632	58.598	ng		91
59) Diethylphthalate	15.49	149	522361	47.394	ng		98
60) 4-Chlorophenyl-phenylether	15.71	204	299267	50.817	ng		96
61) 4-Nitroaniline	15.74	138	118109	56.948	ng	#	77
62) Azobenzene	16.00	77	521620	48.296	ng		95
64) 4,6-Dinitro-2-methylphenol	15.80	198	63645	42.261	ng		83
65) n-Nitrosodiphenylamine	15.92	169	434563	43.870	ng		98
66) 4-Bromophenyl-phenylether	16.61	248	205722	51.791	ng		98
67) Hexachlorobenzene	16.72	284	210952	52.177	ng		95
68) Atrazine	16.87	200	210864	49.918	ng		98
69) Pentachlorophenol	17.06	266	172323	63.386	ng		98
70) Phenanthrene	17.46	178	838551	50.046	ng		97
71) Anthracene	17.55	178	847581	50.500	ng		98
72) Carbazole	17.82	167	767547	49.288	ng		99
73) Di-n-butylphthalate	18.37	149	883653	47.608	ng	#	98
74) Fluoranthene	19.47	202	1098410	50.378	ng		96
76) Benzidine	19.64	184	294853	22.001	ng		99
77) Pyrene	19.82	202	1093054	46.028	ng		97
79) Butylbenzylphthalate	20.71	149	402142	46.635	ng	#	97
80) Benzo(a)anthracene	21.66	228	1138760	49.469	ng		99
81) 3,3'-Dichlorobenzidine	21.58	252	240005	27.713	ng	#	96
82) Chrysene	21.73	228	1054243	50.020	ng		98
83) Bis(2-ethylhexyl)phthalate	21.57	149	555775	45.613	ng	#	98
84) Di-n-octyl phthalate	22.78	149	952660	45.573	ng	#	92
85) Indeno(1,2,3-cd)pyrene	28.57	276	1238988	50.193	ng	#	88
87) Benzo(b)fluoranthene	23.88	252	1136896	52.387	ng	#	96
88) Benzo(k)fluoranthene	23.95	252	1048907	49.408	ng	#	97
89) Benzo(a)pyrene	24.75	252	1070187	52.406	ng	#	96
90) Dibenzo(a,h)anthracene	28.64	278	1006678	49.937	ng	#	95
91) Benzo(g,h,i)perylene	29.73	276	1026209	52.016	ng	#	92

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

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