Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080618\
Data File : BG036148.D
Acq On : 7 Aug 2018 5:17
Operator : JU/SJ
Sample : J4277-02MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-02-080318-AMS

Manual Integrations APPROVED
Sohil
8/7/2018 6:54:31 PM

Quant Time: Aug 07 07:23:03 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	8.01	152	34431	20.00	ng		-0.01
21) Naphthalene-d8	10.81	136	113098	20.00	ng		-0.02
38) Acenaphthene-d10	14.64	164	78573	20.00	ng		-0.01
63) Phenanthrene-d10	17.38	188	236408	20.00	ng		-0.01
75) Chrysene-d12	21.64	240	265300	20.00	ng		-0.01
86) Perylene-d12	24.82	264	258956	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	269853	130.12	ng		0.00
7) Phenol-d6	7.19	99	339652	109.77	ng		0.00
23) Nitrobenzene-d5	9.17	82	279962	103.41	ng		-0.01
41) 2,4,6-Tribromophenol	16.13	330	204687	197.64	ng		-0.01
44) 2-Fluorobiphenyl	13.26	172	601959	102.64	ng		-0.02
78) Terphenyl-d14	19.99	244	1317550	109.47	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	35244	33.390	ng	#	73
3) Pyridine	3.92	79	77955	28.290	ng	#	74
4) n-Nitrosodimethylamine	3.82	42	41794	35.324	ng	#	86
6) Aniline	7.34	93	64145	15.994	ng		95
8) 2-Chlorophenol	7.58	128	96239	45.628	ng		96
9) Benzaldehyde	7.15	77	80060	42.170	ng		95
10) Phenol	7.21	94	114328	36.573	ng		90
11) bis(2-Chloroethyl)ether	7.43	93	100824	41.184	ng		88
12) 1,3-Dichlorobenzene	7.90	146	118198	46.405	ng		96
13) 1,4-Dichlorobenzene	8.05	146	119847	46.309	ng		95
14) 1,2-Dichlorobenzene	8.36	146	114256	45.957	ng		99
15) Benzyl Alcohol	8.26	79	106054	37.744	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.53	45	109844	53.518	ng		73
17) 2-Methylphenol	8.46	107	86354	40.630	ng	#	90
18) Hexachloroethane	9.09	117	45960	46.447	ng		94
19) n-Nitroso-di-n-propylamine	8.82	70	89444	34.328	ng		89
20) 3+4-Methylphenols	8.79	107	116593	39.543	ng		90
22) Acetophenone	8.83	105	173025	49.196	ng	#	92
24) Nitrobenzene	9.21	77	137640	50.552	ng	#	92
25) Isophorone	9.74	82	251071	49.957	ng		99
26) 2-Nitrophenol	9.93	139	56636	58.570	ng	#	88
27) 2,4-Dimethylphenol	9.98	122	91841	56.109	ng		87
28) bis(2-Chloroethoxy)methane	10.21	93	134510	48.572	ng		98
29) 2,4-Dichlorophenol	10.47	162	106596	57.050	ng		92
30) 1,2,4-Trichlorobenzene	10.67	180	129873	56.684	ng		97
31) Naphthalene	10.86	128	326288	55.384	ng		99
32) Benzoic acid	10.15	122	31305m	28.410	ng		
33) 4-Chloroaniline	11.01	127	11248	4.381	ng		96
34) Hexachlorobutadiene	11.14	225	105030	58.787	ng		98
35) Caprolactam	11.76	113	29295m	36.535	ng		
36) 4-Chloro-3-methylphenol	12.10	107	130692	52.183	ng		95
37) 2-Methylnaphthalene	12.46	142	236438	53.869	ng	#	94
39) 1,2,4,5-Tetrachlorobenzene	12.83	216	166715	56.216	ng		99
40) Hexachlorocyclopentadiene	12.81	237	205135	131.894	ng		91

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.07	196	102253	58.959	ng		98
43) 2,4,5-Trichlorophenol	13.16	196	115273	59.414	ng		97
45) 1,1'-Biphenyl	13.47	154	313468	51.458	ng		96
46) 2-Chloronaphthalene	13.51	162	251085	52.989	ng		99
47) 2-Nitroaniline	13.72	65	90756	54.177	ng		94
48) Acenaphthylene	14.36	152	413576	52.105	ng		98
49) Dimethylphthalate	14.09	163	351278	51.027	ng		99
50) 2,6-Dinitrotoluene	14.21	165	80688	57.557	ng		93
51) Acenaphthene	14.70	154	241206	48.783	ng		98
52) 3-Nitroaniline	14.55	138	35972	25.106	ng	#	85
53) 2,4-Dinitrophenol	14.75	184	80002	108.427	ng	#	72
54) Dibenzofuran	15.04	168	410130	52.156	ng		92
55) 4-Nitrophenol	14.87	139	105889	103.773	ng	#	84
56) 2,4-Dinitrotoluene	15.00	165	125976	62.638	ng		90
57) Fluorene	15.68	166	348473	52.873	ng		95
58) 2,3,4,6-Tetrachlorophenol	15.27	232	116818	62.798	ng	#	95
59) Diethylphthalate	15.45	149	364576	51.503	ng		98
60) 4-Chlorophenyl-phenylether	15.67	204	204204	52.715	ng		97
61) 4-Nitroaniline	15.71	138	87677	58.499	ng	#	75
62) Azobenzene	15.96	77	358881	51.398	ng		95
64) 4,6-Dinitro-2-methylphenol	15.77	198	74077	56.290	ng		82
65) n-Nitrosodiphenylamine	15.89	169	325866	48.427	ng		95
66) 4-Bromophenyl-phenylether	16.56	248	145451	53.031	ng		91
67) Hexachlorobenzene	16.69	284	147950	52.381	ng		95
68) Atrazine	16.84	200	170070	61.385	ng		97
69) Pentachlorophenol	17.03	266	154753	89.953	ng		94
70) Phenanthrene	17.42	178	627836	53.223	ng		97
71) Anthracene	17.52	178	642705	54.717	ng		99
72) Carbazole	17.79	167	607168	54.431	ng		99
73) Di-n-butylphthalate	18.34	149	707180	53.647	ng	#	99
74) Fluoranthene	19.43	202	884513	55.666	ng		96
76) Benzidine	19.62	184	74670	10.706	ng	#	96
77) Pyrene	19.79	202	886052	52.819	ng		96
79) Butylbenzylphthalate	20.67	149	328054	54.686	ng		96
80) Benzo(a)anthracene	21.62	228	874143	52.873	ng		99
81) 3,3'-Dichlorobenzidine	21.54	252	162395	28.171	ng	#	96
82) Chrysene	21.69	228	821047	53.591	ng		98
83) Bis(2-ethylhexyl)phthalate	21.52	149	448712	55.019	ng	#	98
84) Di-n-octyl phthalate	22.71	149	759563	55.624	ng	#	92
85) Indeno(1,2,3-cd)pyrene	28.47	276	923242	54.430	ng	#	92
87) Benzo(b)fluoranthene	23.82	252	841793	53.484	ng	#	96
88) Benzo(k)fluoranthene	23.89	252	803117	52.193	ng	#	96
89) Benzo(a)pyrene	24.68	252	802619	54.814	ng	#	95
90) Dibenzo(a,h)anthracene	28.52	278	774350	53.867	ng	#	96
91) Benzo(g,h,i)perylene	29.60	276	786924	55.942	ng	#	92

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

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