Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071318\
Data File : BG035637.D
Acq On : 13 Jul 2018 20:04
Operator : JU/SJ
Sample : J3943-01MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C-1MSD

Manual Integrations APPROVED
Sohil
7/16/2018 3:24:19 PM

Quant Time: Jul 14 00:54:35 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 12 14:43:32 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	47102	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	197839	20.00	ng		0.00
38) Acenaphthene-d10	14.68	164	148311	20.00	ng		0.00
63) Phenanthrene-d10	17.42	188	385760	20.00	ng		0.00
75) Chrysene-d12	21.69	240	380956	20.00	ng		0.00
86) Perylene-d12	24.91	264	372013	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	314241	110.76	ng		0.00
7) Phenol-d6	7.22	99	479029	113.17	ng		0.00
23) Nitrobenzene-d5	9.22	82	311756	65.83	ng		0.00
41) 2,4,6-Tribromophenol	16.17	330	212296	108.60	ng		0.00
44) 2-Fluorobiphenyl	13.30	172	736353	66.52	ng		0.00
78) Terphenyl-d14	20.02	244	1219609	70.57	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	31713	21.962	ng	#	75
3) Pyridine	3.95	79	38568	10.231	ng	#	69
4) n-Nitrosodimethylamine	3.86	42	46193	28.539	ng	#	88
6) Aniline	7.38	93	140732	25.651	ng		97
8) 2-Chlorophenol	7.62	128	103958	36.028	ng		98
9) Benzaldehyde	7.20	77	76156	29.322	ng		95
10) Phenol	7.25	94	175404	41.016	ng		93
11) bis(2-Chloroethyl)ether	7.48	93	109194	32.604	ng		89
12) 1,3-Dichlorobenzene	7.95	146	108175	31.045	ng		97
13) 1,4-Dichlorobenzene	8.09	146	109691	30.983	ng		99
14) 1,2-Dichlorobenzene	8.41	146	107288	31.545	ng		95
15) Benzyl Alcohol	8.29	79	128777	33.502	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.58	45	127033	45.243	ng		79
17) 2-Methylphenol	8.49	107	108320	37.255	ng	#	92
18) Hexachloroethane	9.14	117	42049	31.063	ng		94
19) n-Nitroso-di-n-propylamine	8.86	70	106613	29.910	ng	#	86
20) 3+4-Methylphenols	8.83	107	152240	37.743	ng		90
22) Acetophenone	8.88	105	194966	31.690	ng	#	92
24) Nitrobenzene	9.26	77	158715	33.324	ng		90
25) Isophorone	9.78	82	314879	35.817	ng		97
26) 2-Nitrophenol	9.97	139	62828	37.143	ng	#	92
27) 2,4-Dimethylphenol	10.03	122	114926	40.138	ng		88
28) bis(2-Chloroethoxy)methane	10.26	93	159112	32.845	ng		98
29) 2,4-Dichlorophenol	10.51	162	131305	40.173	ng		92
30) 1,2,4-Trichlorobenzene	10.72	180	137011	34.186	ng		96
31) Naphthalene	10.91	128	340987	33.087	ng		98
32) Benzoic acid	10.14	122	24742	12.836	ng	#	88
33) 4-Chloroaniline	11.01	127	79170	17.626	ng		98
34) Hexachlorobutadiene	11.20	225	101188	32.377	ng		97
35) Caprolactam	11.78	113	42727m	30.462	ng		
36) 4-Chloro-3-methylphenol	12.14	107	161250	36.806	ng		92
37) 2-Methylnaphthalene	12.51	142	279506	36.404	ng		92
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	181939	32.502	ng		98
40) Hexachlorocyclopentadiene	12.86	237	205785	70.097	ng		93

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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 : Thu Jul 12 14:43:32 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	120520	36.816	ng		95
43) 2,4,5-Trichlorophenol	13.19	196	131074	35.791	ng		97
45) 1,1'-Biphenyl	13.51	154	381415	33.171	ng		98
46) 2-Chloronaphthalene	13.56	162	299148	33.447	ng		98
47) 2-Nitroaniline	13.76	65	109764	34.714	ng		96
48) Acenaphthylene	14.40	152	500276	33.391	ng		97
49) Dimethylphthalate	14.13	163	557895	42.934	ng	#	98
50) 2,6-Dinitrotoluene	14.25	165	89848	33.955	ng		92
51) Acenaphthene	14.74	154	293059	31.400	ng		97
52) 3-Nitroaniline	14.58	138	68101	25.180	ng	#	96
53) 2,4-Dinitrophenol	14.78	184	85137	64.001	ng	#	70
54) Dibenzofuran	15.07	168	487107	32.817	ng		92
55) 4-Nitrophenol	14.89	139	140347	72.868	ng		92
56) 2,4-Dinitrotoluene	15.04	165	135398	35.667	ng		90
57) Fluorene	15.72	166	405590	32.602	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.30	232	127785	36.393	ng	#	96
59) Diethylphthalate	15.49	149	417767	31.267	ng		99
60) 4-Chlorophenyl-phenylether	15.71	204	232942	31.858	ng		97
61) 4-Nitroaniline	15.75	138	92417	32.667	ng		86
62) Azobenzene	16.01	77	437752	33.214	ng		95
64) 4,6-Dinitro-2-methylphenol	15.80	198	71088	33.104	ng		85
65) n-Nitrosodiphenylamine	15.93	169	356605	32.477	ng		96
66) 4-Bromophenyl-phenylether	16.61	248	159187	35.569	ng		96
67) Hexachlorobenzene	16.72	284	159829	34.678	ng		96
68) Atrazine	16.87	200	161690	35.765	ng		95
69) Pentachlorophenol	17.07	266	166602	59.347	ng		98
70) Phenanthrene	17.46	178	640536	33.277	ng		98
71) Anthracene	17.55	178	660253	34.448	ng		97
72) Carbazole	17.82	167	592891	32.573	ng		98
73) Di-n-butylphthalate	18.37	149	676442	31.448	ng	#	98
74) Fluoranthene	19.47	202	826850	31.890	ng		98
76) Benzidine	19.64	184	192408	19.211	ng		99
77) Pyrene	19.83	202	816087	33.879	ng		98
79) Butylbenzylphthalate	20.71	149	297772	34.568	ng		98
80) Benzo(a)anthracene	21.67	228	810656	34.147	ng		99
81) 3,3'-Dichlorobenzidine	21.58	252	198091	23.931	ng		99
82) Chrysene	21.73	228	755635	34.348	ng		97
83) Bis(2-ethylhexyl)phthalate	21.56	149	411672	35.153	ng		97
84) Di-n-octyl phthalate	22.77	149	689499	35.164	ng	#	94
85) Indeno(1,2,3-cd)pyrene	28.57	276	854863	35.098	ng	#	89
87) Benzo(b)fluoranthene	23.88	252	774293	34.244	ng	#	97
88) Benzo(k)fluoranthene	23.95	252	729562	33.004	ng	#	97
89) Benzo(a)pyrene	24.76	252	738013	35.084	ng	#	96
90) Dibenzo(a,h)anthracene	28.64	278	710240	34.392	ng	#	96
91) Benzo(g,h,i)perylene	29.72	276	716846	35.473	ng	#	94

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

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