Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120718\
Data File : BG038409.D
Acq On : 7 Dec 2018 18:49
Operator : JU/SJ
Sample : J6195-02MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-01-120518-AMS

Manual Integrations APPROVED
Sohil
12/11/2018 10:30:29 AM

Quant Time: Dec 08 04:27:19 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 04 17:15:40 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	24315	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	103815	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	69381	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	199871	20.00	ng	0.00
76) Chrysene-d12	21.73	240	167966	20.00	ng	0.00
87) Perylene-d12	25.03	264	182561	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	159335	115.96	ng	0.00
7) Phenol-d6	7.22	99	211394	106.45	ng	0.00
23) Nitrobenzene-d5	9.25	82	159415	76.24	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	113404	133.14	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	373311	76.67	ng	0.00
79) Terphenyl-d14	20.05	244	818632	104.41	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.51	88	21653	34.384	ng	# 1
3) Pyridine	3.91	79	91460	48.546	ng	95
4) n-Nitrosodimethylamine	3.83	42	45786	55.482	ng	92
6) Aniline	7.40	93	53265	21.000	ng	99
8) 2-Chlorophenol	7.63	128	71081	44.544	ng	99
9) Benzaldehyde	7.21	77	35467	28.204	ng	97
10) Phenol	7.25	94	82082	39.119	ng	93
11) bis(2-Chloroethyl)ether	7.49	93	71631	41.684	ng	99
12) 1,3-Dichlorobenzene	7.96	146	70222	37.652	ng	95
13) 1,4-Dichlorobenzene	8.10	146	72440	37.539	ng	97
14) 1,2-Dichlorobenzene	8.42	146	68786	38.383	ng	99
15) Benzyl Alcohol	8.31	79	68879	42.188	ng	91
16) 2,2'-oxybis(1-Chloropropan	8.59	45	156765	40.107	ng	95
17) 2-Methylphenol	8.50	107	61918	42.515	ng	97
18) Hexachloroethane	9.15	117	27390	39.327	ng	93
19) n-Nitroso-di-n-propylamine	8.87	70	61512	42.512	ng	90
20) 3+4-Methylphenols	8.83	107	87818	41.544	ng	95
22) Acetophenone	8.90	105	116620	46.992	ng	# 96
24) Nitrobenzene	9.29	77	89464	42.112	ng	95
25) Isophorone	9.80	82	168313	45.803	ng	98
26) 2-Nitrophenol	10.00	139	43686	44.380	ng	# 89
27) 2,4-Dimethylphenol	10.04	122	73389	51.907	ng	97
28) bis(2-Chloroethoxy)methane	10.28	93	94659	44.934	ng	96
29) 2,4-Dichlorophenol	10.53	162	79544	49.286	ng	98
30) 1,2,4-Trichlorobenzene	10.75	180	77751	41.039	ng	95
31) Naphthalene	10.94	128	228788	46.136	ng	99
32) Benzoic acid	10.18	122	32302	33.750	ng	96
33) 4-Chloroaniline	11.06	127	12767	5.816	ng	97
34) Hexachlorobutadiene	11.20	225	48997	41.339	ng	95
35) Caprolactam	11.83	113	24689m	36.992	ng	
36) 4-Chloro-3-methylphenol	12.16	107	98352	54.847	ng	97
37) 2-Methylnaphthalene	12.54	142	177385	50.229	ng	97
38) 1-Methylnaphthalene	12.76	142	165998	49.077	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	96208	40.298	ng	99

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Quant Time: Dec 08 04:27:19 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 04 17:15:40 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	116010	88.424	ng		98
43) 2,4,6-Trichlorophenol	13.14	196	71113	45.982	ng		96
44) 2,4,5-Trichlorophenol	13.22	196	76743	46.841	ng		97
46) 1,1'-Biphenyl	13.54	154	229959	39.211	ng		99
47) 2-Chloronaphthalene	13.59	162	184615	41.716	ng		98
48) 2-Nitroaniline	13.80	65	66712	44.933	ng		95
49) Acenaphthylene	14.43	152	306271	45.951	ng		99
50) Dimethylphthalate	14.16	163	252264	45.331	ng		98
51) 2,6-Dinitrotoluene	14.29	165	57959	45.594	ng		97
52) Acenaphthene	14.77	154	175546	43.204	ng		98
53) 3-Nitroaniline	14.63	138	26473	19.336	ng	#	92
54) 2,4-Dinitrophenol	14.83	184	68314	98.034	ng	#	79
55) Dibenzofuran	15.10	168	290680	43.273	ng		96
56) 4-Nitrophenol	14.92	139	80105	74.069	ng	#	85
57) 2,4-Dinitrotoluene	15.07	165	82267	46.922	ng	#	97
58) Fluorene	15.75	166	234897	47.464	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.32	232	70511	49.553	ng		99
60) Diethylphthalate	15.51	149	262245	42.536	ng		99
61) 4-Chlorophenyl-phenylether	15.74	204	128081	43.087	ng		97
62) 4-Nitroaniline	15.78	138	58412	43.379	ng		88
63) Azobenzene	16.03	77	233593	43.292	ng		95
65) 4,6-Dinitro-2-methylphenol	15.83	198	48536	37.062	ng		90
66) n-Nitrosodiphenylamine	15.95	169	216831	38.579	ng		98
67) 4-Bromophenyl-phenylether	16.63	248	84381	39.094	ng		97
68) Hexachlorobenzene	16.75	284	88139	39.590	ng		98
69) Atrazine	16.90	200	89436	42.645	ng		98
70) Pentachlorophenol	17.09	266	107454	70.467	ng		96
71) Phenanthrene	17.50	178	444190	44.377	ng		98
72) Anthracene	17.59	178	431431	44.509	ng		99
73) Carbazole	17.86	167	375937	39.077	ng		99
74) Di-n-butylphthalate	18.39	149	469708	41.792	ng		98
75) Fluoranthene	19.50	202	731194	62.525	ng		99
77) Benzidine	19.69	184	69294	12.226	ng		100
78) Pyrene	19.87	202	720469	61.305	ng		99
80) Butylbenzylphthalate	20.73	149	206652	43.719	ng		99
81) Benzo(a)anthracene	21.71	228	479297	46.429	ng		100
82) 3,3'-Dichlorobenzidine	21.63	252	87320	21.744	ng		97
83) Chrysene	21.78	228	444109	45.461	ng		98
84) Bis(2-ethylhexyl)phthalate	21.58	149	288769	43.102	ng		99
85) Di-n-octyl phthalate	22.81	149	492577	42.878	ng		98
86) Indeno(1,2,3-cd)pyrene	28.83	276	542980	48.907	ng		98
88) Benzo(b)fluoranthene	23.98	252	480129	46.545	ng	#	98
89) Benzo(k)fluoranthene	24.05	252	460409	44.814	ng		99
90) Benzo(a)pyrene	24.88	252	456610	45.635	ng	#	95
91) Dibenzo(a,h)anthracene	28.90	278	447806	47.188	ng	#	95
92) Benzo(g,h,i)perylene	30.02	276	508548	54.013	ng		98

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

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