Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122818\
Data File : BG038880.D
Acq On : 28 Dec 2018 19:11
Operator : JU/SJ
Sample : J6193-12MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CL-02-122718-AMS

Manual Integrations APPROVED
Sohil
1/2/2019 3:30:28 PM

Quant Time: Dec 30 22:19:59 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 15:26:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	23264	20.00	ng		0.00
21) Naphthalene-d8	10.88	136	97048	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	73571	20.00	ng		0.00
64) Phenanthrene-d10	17.44	188	185878	20.00	ng		0.00
76) Chrysene-d12	21.72	240	186609	20.00	ng		0.00
87) Perylene-d12	25.02	264	205127	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	185844	141.69	ng		0.00
7) Phenol-d6	7.22	99	250022	138.85	ng		0.01
23) Nitrobenzene-d5	9.24	82	174809	92.02	ng		0.00
42) 2,4,6-Tribromophenol	16.19	330	179354	176.89	ng		0.00
45) 2-Fluorobiphenyl	13.31	172	494954	92.29	ng		0.00
79) Terphenyl-d14	20.04	244	940709	109.71	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	18796	30.790	ng	#	1
3) Pyridine	3.91	79	48208	28.683	ng		98
4) n-Nitrosodimethylamine	3.82	42	32599	39.585	ng		97
6) Aniline	7.39	93	19295	8.394	ng		91
8) 2-Chlorophenol	7.62	128	78742	51.877	ng		95
9) Benzaldehyde	7.20	77	41682	35.684	ng		91
10) Phenol	7.25	94	84720	44.287	ng		98
11) bis(2-Chloroethyl)ether	7.47	93	62192	40.834	ng		95
12) 1,3-Dichlorobenzene	7.94	146	77856	43.381	ng		97
13) 1,4-Dichlorobenzene	8.09	146	77462	42.143	ng		98
14) 1,2-Dichlorobenzene	8.41	146	76437	44.111	ng		98
15) Benzyl Alcohol	8.30	79	71806	51.091	ng		100
16) 2,2'-oxybis(1-Chloropropan	8.57	45	127297	36.486	ng		98
17) 2-Methylphenol	8.50	107	68340	53.321	ng		95
18) Hexachloroethane	9.13	117	27423	40.829	ng		95
19) n-Nitroso-di-n-propylamine	8.86	70	55033	43.516	ng		92
20) 3+4-Methylphenols	8.83	107	94941	53.637	ng		96
22) Acetophenone	8.89	105	111580	46.030	ng	#	95
24) Nitrobenzene	9.28	77	86262	44.887	ng		97
25) Isophorone	9.79	82	163880	48.015	ng	#	96
26) 2-Nitrophenol	9.98	139	47045	47.830	ng		92
27) 2,4-Dimethylphenol	10.04	122	83971	59.569	ng		98
28) bis(2-Chloroethoxy)methane	10.28	93	92141	47.837	ng		99
29) 2,4-Dichlorophenol	10.52	162	99764	63.617	ng		99
30) 1,2,4-Trichlorobenzene	10.73	180	92786	48.983	ng		95
31) Naphthalene	10.93	128	250521	52.392	ng		99
32) Benzoic acid	10.19	122	41284	46.509	ng		90
33) 4-Chloroaniline	11.06	127	6296	3.033	ng	#	86
34) Hexachlorobutadiene	11.18	225	60240	46.999	ng		95
35) Caprolactam	11.84	113	21572m	33.239	ng		
36) 4-Chloro-3-methylphenol	12.16	107	105590	59.002	ng		94
37) 2-Methylnaphthalene	12.52	142	197922	58.020	ng		99
38) 1-Methylnaphthalene	12.74	142	188979	57.089	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	120744	43.906	ng		98

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	110518	73.149	ng		96
43) 2,4,6-Trichlorophenol	13.13	196	94723	56.019	ng		95
44) 2,4,5-Trichlorophenol	13.21	196	101993	56.970	ng		95
46) 1,1'-Biphenyl	13.53	154	272412	44.168	ng		99
47) 2-Chloronaphthalene	13.58	162	219310	46.033	ng		98
48) 2-Nitroaniline	13.79	65	70516	46.468	ng		91
49) Acenaphthylene	14.42	152	367352	51.578	ng		98
50) Dimethylphthalate	14.15	163	300050	49.941	ng		98
51) 2,6-Dinitrotoluene	14.28	165	69330	50.921	ng		89
52) Acenaphthene	14.76	154	208984	49.071	ng		98
53) 3-Nitroaniline	14.62	138	10737	7.736	ng	#	85
54) 2,4-Dinitrophenol	14.82	184	25783	34.946	ng		97
55) Dibenzofuran	15.09	168	362305	49.629	ng		97
56) 4-Nitrophenol	14.93	139	85478	81.183	ng		99
57) 2,4-Dinitrotoluene	15.07	165	97409	50.796	ng		93
58) Fluorene	15.74	166	293377	54.242	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.32	232	94063	58.399	ng		94
60) Diethylphthalate	15.50	149	311570	47.240	ng		98
61) 4-Chlorophenyl-phenylether	15.72	204	167004	49.488	ng		99
62) 4-Nitroaniline	15.78	138	65826	46.068	ng		98
63) Azobenzene	16.02	77	247941	45.000	ng		94
65) 4,6-Dinitro-2-methylphenol	15.83	198	31502	23.758	ng		92
66) n-Nitrosodiphenylamine	15.95	169	273578	50.092	ng		98
67) 4-Bromophenyl-phenylether	16.62	248	113060	49.804	ng		97
68) Hexachlorobenzene	16.74	284	121264	51.531	ng		96
69) Atrazine	16.89	200	106544	52.567	ng		96
70) Pentachlorophenol	17.09	266	83315	59.857	ng		96
71) Phenanthrene	17.49	178	501355	52.013	ng		98
72) Anthracene	17.58	178	511977	53.803	ng		98
73) Carbazole	17.86	167	439720	46.725	ng		99
74) Di-n-butylphthalate	18.38	149	510649	47.289	ng		99
75) Fluoranthene	19.50	202	606903	50.889	ng		98
77) Benzidine	19.68	184	71826	13.015	ng		98
78) Pyrene	19.85	202	609777	49.463	ng		99
80) Butylbenzylphthalate	20.72	149	232192	48.209	ng		95
81) Benzo(a)anthracene	21.70	228	603685	53.090	ng		99
82) 3,3'-Dichlorobenzidine	21.62	252	65487	14.521	ng		99
83) Chrysene	21.77	228	555322	50.703	ng		99
84) Bis(2-ethylhexyl)phthalate	21.57	149	326116	47.741	ng		98
85) Di-n-octyl phthalate	22.80	149	556206	48.619	ng		96
86) Indeno(1,2,3-cd)pyrene	28.81	276	714903	55.520	ng	#	72
88) Benzo(b)fluoranthene	23.97	252	606911	53.889	ng		98
89) Benzo(k)fluoranthene	24.04	252	592251	52.809	ng		98
90) Benzo(a)pyrene	24.87	252	591949	54.481	ng		98
91) Dibenzo(a,h)anthracene	28.88	278	595917	55.085	ng		98
92) Benzo(g,h,i)perylene	30.01	276	587691	55.123	ng		95

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

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