Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112618\
Data File : BG038149.D
Acq On : 27 Nov 2018 00:01
Operator : JU/SJ
Sample : J6032-06MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MMTW-01MSD

Manual Integrations APPROVED
mohammad
11/27/2018 2:06:02 PM

Quant Time: Nov 27 07:16:16 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 16:39:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	51990	20.00	ng		0.00
21) Naphthalene-d8	10.91	136	218242	20.00	ng		0.00
39) Acenaphthene-d10	14.73	164	130709	20.00	ng		0.00
64) Phenanthrene-d10	17.47	188	290735	20.00	ng		0.00
76) Chrysene-d12	21.76	240	260228	20.00	ng		0.00
87) Perylene-d12	25.09	264	277528	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	174915	58.09	ng		0.00
7) Phenol-d6	7.24	99	150631	35.04	ng		0.00
23) Nitrobenzene-d5	9.27	82	341902	83.86	ng		0.00
42) 2,4,6-Tribromophenol	16.21	330	175761	117.90	ng		0.00
45) 2-Fluorobiphenyl	13.35	172	719437	80.19	ng		0.00
79) Terphenyl-d14	20.07	244	997701	90.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	20928	14.714	ng		97
3) Pyridine	3.93	79	46405	11.438	ng		94
4) n-Nitrosodimethylamine	3.85	42	30397	20.651	ng	#	91
6) Aniline	7.41	93	77595	13.987	ng		95
8) 2-Chlorophenol	7.65	128	139787	40.008	ng		98
9) Benzaldehyde	7.23	77	80228	25.810	ng		98
10) Phenol	7.26	94	72077	15.831	ng		96
11) bis(2-Chloroethyl)ether	7.51	93	169651	45.643	ng		97
12) 1,3-Dichlorobenzene	7.98	146	171325	42.564	ng		95
13) 1,4-Dichlorobenzene	8.12	146	174912	43.018	ng		98
14) 1,2-Dichlorobenzene	8.44	146	168311	43.357	ng		99
15) Benzyl Alcohol	8.33	79	91189	29.319	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.61	45	340627	49.353	ng		99
17) 2-Methylphenol	8.53	107	102074	33.162	ng		98
18) Hexachloroethane	9.17	117	65232	44.082	ng		93
19) n-Nitroso-di-n-propylamine	8.89	70	141074	45.359	ng		98
20) 3+4-Methylphenols	8.86	107	125042	28.656	ng		99
22) Acetophenone	8.92	105	263065	48.447	ng	#	99
24) Nitrobenzene	9.31	77	208656	50.030	ng		97
25) Isophorone	9.82	82	394937	53.820	ng		98
26) 2-Nitrophenol	10.02	139	98061	47.098	ng		95
27) 2,4-Dimethylphenol	10.07	122	150976	48.127	ng		99
28) bis(2-Chloroethoxy)methane	10.30	93	237546	50.624	ng		98
29) 2,4-Dichlorophenol	10.55	162	166871	47.292	ng		99
30) 1,2,4-Trichlorobenzene	10.77	180	184206	46.587	ng		99
31) Naphthalene	10.96	128	544349	50.711	ng		99
32) Benzoic acid	10.16	122	20399m	19.837	ng		
33) 4-Chloroaniline	11.07	127	67862	13.591	ng		98
34) Hexachlorobutadiene	11.22	225	109327	44.926	ng		96
35) Caprolactam	11.87	113	8990	6.365	ng	#	83
36) 4-Chloro-3-methylphenol	12.18	107	168196	43.631	ng		99
37) 2-Methylnaphthalene	12.56	142	400380	51.927	ng		98
38) 1-Methylnaphthalene	12.78	142	380701	51.295	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.92	216	208905	47.829	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	247885	105.988	ng		99
43) 2,4,6-Trichlorophenol	13.16	196	144102	48.416	ng		98
44) 2,4,5-Trichlorophenol	13.23	196	150000	47.898	ng		98
46) 1,1'-Biphenyl	13.56	154	507908	46.253	ng		99
47) 2-Chloronaphthalene	13.61	162	400849	47.837	ng		99
48) 2-Nitroaniline	13.82	65	139041	52.722	ng		99
49) Acenaphthylene	14.45	152	661255	52.477	ng		100
50) Dimethylphthalate	14.17	163	512217	49.431	ng		99
51) 2,6-Dinitrotoluene	14.31	165	117555	50.124	ng		98
52) Acenaphthene	14.79	154	381961	50.351	ng		99
53) 3-Nitroaniline	14.64	138	47457	18.338	ng		98
54) 2,4-Dinitrophenol	14.84	184	113583	88.606	ng		90
55) Dibenzofuran	15.12	168	608475	48.508	ng		97
56) 4-Nitrophenol	14.94	139	62054	31.090	ng		96
57) 2,4-Dinitrotoluene	15.09	165	163861	51.352	ng		97
58) Fluorene	15.77	166	485609	51.886	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.34	232	132686	50.635	ng		98
60) Diethylphthalate	15.53	149	520420	47.284	ng		100
61) 4-Chlorophenyl-phenylether	15.75	204	258003	47.112	ng		100
62) 4-Nitroaniline	15.81	138	114846	44.673	ng		96
63) Azobenzene	16.05	77	484970	49.281	ng		97
65) 4,6-Dinitro-2-methylphenol	15.85	198	85912	46.719	ng		94
66) n-Nitrosodiphenylamine	15.98	169	435042	49.462	ng		99
67) 4-Bromophenyl-phenylether	16.65	248	156680	49.099	ng		95
68) Hexachlorobenzene	16.77	284	160081	48.600	ng		97
69) Atrazine	16.92	200	157850	48.684	ng		98
70) Pentachlorophenol	17.12	266	184595	82.517	ng		96
71) Phenanthrene	17.52	178	771581	51.835	ng		99
72) Anthracene	17.61	178	782278	53.315	ng		99
73) Carbazole	17.88	167	702740	47.736	ng		100
74) Di-n-butylphthalate	18.41	149	850967	51.495	ng		99
75) Fluoranthene	19.52	202	879986	51.816	ng		99
77) Benzidine	19.70	184	202875	22.218	ng		99
78) Pyrene	19.89	202	887907	52.187	ng		99
80) Butylbenzylphthalate	20.75	149	394201	52.981	ng		99
81) Benzo(a)anthracene	21.74	228	844931	53.729	ng		99
82) 3,3'-Dichlorobenzidine	21.65	252	143636	23.448	ng		98
83) Chrysene	21.81	228	785152	52.183	ng		99
84) Bis(2-ethylhexyl)phthalate	21.61	149	551978	52.020	ng		100
85) Di-n-octyl phthalate	22.85	149	940885	54.810	ng		99
86) Indeno(1,2,3-cd)pyrene	28.90	276	920224	55.067	ng	#	91
88) Benzo(b)fluoranthene	24.02	252	821992	53.822	ng		100
89) Benzo(k)fluoranthene	24.09	252	805744	53.466	ng		99
90) Benzo(a)pyrene	24.93	252	805019	55.155	ng		98
91) Dibenzo(a,h)anthracene	28.98	278	750961	53.474	ng		100
92) Benzo(g,h,i)perylene	30.11	276	753630	53.971	ng		99

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

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