Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121318\
Data File : BG038547.D
Acq On : 14 Dec 2018 00:38
Operator : JU/SJ
Sample : J6347-16MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P001-TW001-01MSD

Manual Integrations APPROVED

Sohil

12/14/2018 12:56:35 PM

Quant Time: Dec 14 02:12:17 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	29129	20.00	ng		0.00
21) Naphthalene-d8	10.88	136	119270	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	79610	20.00	ng		0.00
64) Phenanthrene-d10	17.45	188	194492	20.00	ng		0.00
76) Chrysene-d12	21.72	240	185527	20.00	ng		0.00
87) Perylene-d12	25.02	264	202437	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	77861	47.41	ng		0.00
7) Phenol-d6	7.21	99	68707	30.47	ng		0.00
23) Nitrobenzene-d5	9.24	82	227046	97.25	ng		0.00
42) 2,4,6-Tribromophenol	16.19	330	113386	103.34	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	541924	93.38	ng		0.00
79) Terphenyl-d14	20.04	244	824714	96.74	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	9828	12.858	ng		88
3) Pyridine	3.90	79	21831	10.374	ng		91
4) n-Nitrosodimethylamine	3.82	42	19328	18.744	ng	#	87
6) Aniline	7.38	93	66643	23.155	ng		97
8) 2-Chlorophenol	7.62	128	74846	39.381	ng		99
9) Benzaldehyde	7.20	77	38181	26.105	ng		95
10) Phenol	7.24	94	38779	16.190	ng		98
11) bis(2-Chloroethyl)ether	7.48	93	82883	43.462	ng		96
12) 1,3-Dichlorobenzene	7.94	146	86682	38.574	ng		97
13) 1,4-Dichlorobenzene	8.09	146	88097	38.279	ng		98
14) 1,2-Dichlorobenzene	8.42	146	84543	38.965	ng		97
15) Benzyl Alcohol	8.30	79	50312	28.590	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.58	45	190607	43.632	ng		97
17) 2-Methylphenol	8.50	107	54139	33.736	ng		95
18) Hexachloroethane	9.14	117	31692	37.684	ng		95
19) n-Nitroso-di-n-propylamine	8.86	70	73610	46.486	ng		98
20) 3+4-Methylphenols	8.83	107	68749	31.020	ng		98
22) Acetophenone	8.89	105	138674	46.549	ng	#	99
24) Nitrobenzene	9.28	77	110345	46.721	ng		97
25) Isophorone	9.79	82	210603	50.207	ng		99
26) 2-Nitrophenol	9.99	139	53687	44.413	ng		96
27) 2,4-Dimethylphenol	10.03	122	83097	47.966	ng		99
28) bis(2-Chloroethoxy)methane	10.27	93	117457	49.619	ng		98
29) 2,4-Dichlorophenol	10.52	162	95462	49.532	ng		99
30) 1,2,4-Trichlorobenzene	10.73	180	98219	42.190	ng		99
31) Naphthalene	10.93	128	282819	48.127	ng		99
32) Benzoic acid	10.17	122	10228m	17.491	ng		
33) 4-Chloroaniline	11.04	127	51503	20.187	ng		98
34) Hexachlorobutadiene	11.19	225	62953	39.964	ng		96
35) Caprolactam	11.84	113	4757m	5.964	ng		
36) 4-Chloro-3-methylphenol	12.15	107	94948	43.171	ng		94
37) 2-Methylnaphthalene	12.53	142	220388	52.568	ng		98
38) 1-Methylnaphthalene	12.75	142	209960	51.610	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	130244	43.768	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	156297	95.601	ng		97
43) 2,4,6-Trichlorophenol	13.13	196	88788	48.526	ng		99
44) 2,4,5-Trichlorophenol	13.20	196	94741	48.905	ng		99
46) 1,1'-Biphenyl	13.53	154	292725	43.861	ng		100
47) 2-Chloronaphthalene	13.57	162	233509	45.296	ng		97
48) 2-Nitroaniline	13.79	65	82604	50.305	ng		93
49) Acenaphthylene	14.42	152	390223	50.633	ng		98
50) Dimethylphthalate	14.15	163	320298	49.267	ng		99
51) 2,6-Dinitrotoluene	14.28	165	72766	49.390	ng		97
52) Acenaphthene	14.76	154	223331	48.461	ng		100
53) 3-Nitroaniline	14.61	138	41824	27.848	ng		98
54) 2,4-Dinitrophenol	14.82	184	84462	95.292	ng		93
55) Dibenzofuran	15.10	168	375013	47.473	ng		99
56) 4-Nitrophenol	14.91	139	40603	35.637	ng		96
57) 2,4-Dinitrotoluene	15.07	165	102208	49.255	ng		99
58) Fluorene	15.74	166	301631	51.538	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.31	232	91979	52.773	ng		99
60) Diethylphthalate	15.50	149	328597	46.042	ng		99
61) 4-Chlorophenyl-phenylether	15.73	204	169534	46.427	ng		99
62) 4-Nitroaniline	15.78	138	70321	45.481	ng		97
63) Azobenzene	16.02	77	288148	48.330	ng		98
65) 4,6-Dinitro-2-methylphenol	15.82	198	64029	46.150	ng		96
66) n-Nitrosodiphenylamine	15.95	169	274716	48.073	ng		98
67) 4-Bromophenyl-phenylether	16.62	248	113252	47.679	ng		99
68) Hexachlorobenzene	16.74	284	117419	47.687	ng		97
69) Atrazine	16.89	200	109616	51.687	ng		96
70) Pentachlorophenol	17.09	266	125537	86.197	ng		98
71) Phenanthrene	17.49	178	519093	51.468	ng		98
72) Anthracene	17.58	178	527464	52.976	ng		99
73) Carbazole	17.85	167	462251	46.943	ng		99
74) Di-n-butylphthalate	18.38	149	553084	48.950	ng		99
75) Fluoranthene	19.49	202	624784	50.068	ng		98
77) Benzidine	19.68	184	289576	52.777	ng		99
78) Pyrene	19.86	202	623655	50.884	ng		100
80) Butylbenzylphthalate	20.73	149	246692	51.518	ng		98
81) Benzo(a)anthracene	21.70	228	599038	52.988	ng		98
82) 3,3'-Dichlorobenzidine	21.62	252	137957	30.769	ng		98
83) Chrysene	21.77	228	556352	51.093	ng		100
84) Bis(2-ethylhexyl)phthalate	21.57	149	342237	50.393	ng		99
85) Di-n-octyl phthalate	22.80	149	585685	51.494	ng		100
86) Indeno(1,2,3-cd)pyrene	28.80	276	694190	54.226	ng	#	75
88) Benzo(b)fluoranthene	23.96	252	595503	53.578	ng		100
89) Benzo(k)fluoranthene	24.03	252	580385	52.439	ng		97
90) Benzo(a)pyrene	24.86	252	575229	53.646	ng		99
91) Dibenzo(a,h)anthracene	28.87	278	578989	54.231	ng		98
92) Benzo(g,h,i)perylene	30.00	276	575701	54.716	ng		98

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

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