Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122118\
Data File : BG038790.D
Acq On : 21 Dec 2018 17:29
Operator : JU/SJ
Sample : PB115909BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB115909BS

Manual Integrations APPROVED
Sohil
12/26/2018 3:17:25 PM

Quant Time: Dec 22 01:46:39 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	25402	20.00	ng		0.00
21) Naphthalene-d8	10.88	136	101543	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	69374	20.00	ng		0.00
64) Phenanthrene-d10	17.45	188	176147	20.00	ng		0.00
76) Chrysene-d12	21.72	240	172519	20.00	ng		0.00
87) Perylene-d12	25.03	264	181825	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	165778	115.75	ng		0.01
7) Phenol-d6	7.22	99	227531	115.73	ng		0.01
23) Nitrobenzene-d5	9.24	82	116297	58.51	ng		0.00
42) 2,4,6-Tribromophenol	16.19	330	118442	123.88	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	313298	61.95	ng		0.00
79) Terphenyl-d14	20.04	244	615128	77.60	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	24267	36.407	ng		92
3) Pyridine	3.89	79	53168	28.971	ng		94
4) n-Nitrosodimethylamine	3.82	42	33626	37.395	ng	#	92
6) Aniline	7.39	93	75275	29.992	ng		97
8) 2-Chlorophenol	7.62	128	70092	42.291	ng		96
9) Benzaldehyde	7.20	77	20027	15.702	ng		98
10) Phenol	7.25	94	87330	41.809	ng		96
11) bis(2-Chloroethyl)ether	7.48	93	56448	33.943	ng		92
12) 1,3-Dichlorobenzene	7.95	146	73065	37.285	ng		98
13) 1,4-Dichlorobenzene	8.09	146	72921	36.333	ng		98
14) 1,2-Dichlorobenzene	8.41	146	71393	37.732	ng		99
15) Benzyl Alcohol	8.30	79	64012	41.712	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.58	45	121016	31.766	ng		98
17) 2-Methylphenol	8.50	107	60482	43.218	ng		98
18) Hexachloroethane	9.14	117	25963	35.402	ng		91
19) n-Nitroso-di-n-propylamine	8.86	70	47665	34.518	ng		95
20) 3+4-Methylphenols	8.83	107	83298	43.099	ng		98
22) Acetophenone	8.89	105	99467	39.217	ng	#	96
24) Nitrobenzene	9.28	77	75276	37.437	ng		96
25) Isophorone	9.79	82	137601	38.531	ng		97
26) 2-Nitrophenol	9.99	139	41105	39.941	ng	#	89
27) 2,4-Dimethylphenol	10.03	122	71991	48.810	ng		97
28) bis(2-Chloroethoxy)methane	10.27	93	79227	39.312	ng		99
29) 2,4-Dichlorophenol	10.52	162	78425	47.796	ng		99
30) 1,2,4-Trichlorobenzene	10.74	180	80748	40.741	ng		98
31) Naphthalene	10.93	128	213743	42.722	ng		99
32) Benzoic acid	10.18	122	36845m	41.165	ng		
33) 4-Chloroaniline	11.04	127	58253	26.819	ng		96
34) Hexachlorobutadiene	11.19	225	55508	41.390	ng		97
35) Caprolactam	11.84	113	24496	36.074	ng	#	86
36) 4-Chloro-3-methylphenol	12.15	107	79021	42.201	ng		96
37) 2-Methylnaphthalene	12.53	142	164807	46.174	ng		98
38) 1-Methylnaphthalene	12.75	142	156644	45.226	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	102955	39.702	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	116543	81.803	ng		94
43) 2,4,6-Trichlorophenol	13.13	196	72004	45.159	ng		99
44) 2,4,5-Trichlorophenol	13.21	196	78363	46.419	ng		96
46) 1,1'-Biphenyl	13.53	154	216598	37.243	ng		99
47) 2-Chloronaphthalene	13.58	162	177624	39.539	ng		99
48) 2-Nitroaniline	13.79	65	54770	38.276	ng		92
49) Acenaphthylene	14.42	152	286646	42.682	ng		97
50) Dimethylphthalate	14.14	163	230392	40.667	ng		98
51) 2,6-Dinitrotoluene	14.28	165	51835	40.374	ng		91
52) Acenaphthene	14.76	154	163645	40.749	ng		99
53) 3-Nitroaniline	14.61	138	39778	30.394	ng		91
54) 2,4-Dinitrophenol	14.82	184	49960	66.347	ng		97
55) Dibenzofuran	15.10	168	279159	40.553	ng		98
56) 4-Nitrophenol	14.92	139	74675	75.213	ng		99
57) 2,4-Dinitrotoluene	15.07	165	73249	40.508	ng		96
58) Fluorene	15.74	166	224644	44.047	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.32	232	70969	46.726	ng		96
60) Diethylphthalate	15.50	149	231381	37.204	ng		100
61) 4-Chlorophenyl-phenylether	15.73	204	130905	41.137	ng		94
62) 4-Nitroaniline	15.78	138	53387	39.623	ng		97
63) Azobenzene	16.03	77	193049	37.157	ng		96
65) 4,6-Dinitro-2-methylphenol	15.83	198	43746	34.814	ng		90
66) n-Nitrosodiphenylamine	15.95	169	204757	39.562	ng		98
67) 4-Bromophenyl-phenylether	16.62	248	83425	38.780	ng		95
68) Hexachlorobenzene	16.74	284	88321	39.605	ng		95
69) Atrazine	16.89	200	82345	42.872	ng		98
70) Pentachlorophenol	17.09	266	95463	72.374	ng		97
71) Phenanthrene	17.49	178	381929	41.812	ng		99
72) Anthracene	17.58	178	384615	42.652	ng		98
73) Carbazole	17.85	167	340155	38.142	ng		99
74) Di-n-butylphthalate	18.38	149	394978	38.598	ng		99
75) Fluoranthene	19.50	202	467970	41.407	ng		97
77) Benzidine	19.68	184	212044	41.560	ng		99
78) Pyrene	19.86	202	465200	40.817	ng		99
80) Butylbenzylphthalate	20.73	149	172023	38.633	ng		97
81) Benzo(a)anthracene	21.71	228	452467	43.041	ng		99
82) 3,3'-Dichlorobenzidine	21.62	252	124336	29.822	ng		98
83) Chrysene	21.78	228	417565	41.239	ng		100
84) Bis(2-ethylhexyl)phthalate	21.57	149	241053	38.171	ng		99
85) Di-n-octyl phthalate	22.80	149	404546	38.250	ng		98
86) Indeno(1,2,3-cd)pyrene	28.82	276	497622	41.802	ng	#	73
88) Benzo(b)fluoranthene	23.97	252	456931	45.771	ng		99
89) Benzo(k)fluoranthene	24.04	252	418939	42.143	ng		98
90) Benzo(a)pyrene	24.87	252	432345	44.891	ng		97
91) Dibenzo(a,h)anthracene	28.88	278	414525	43.228	ng		98
92) Benzo(g,h,i)perylene	30.01	276	407832	43.156	ng		98

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

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