Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112918\
Data File : BG038235.D
Acq On : 29 Nov 2018 16:24
Operator : JU/SJ
Sample : PB115157BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB115157BS

Quant Time: Nov 29 17:07:57 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	8.08	152	34575	20.00	ng		0.00
21) Naphthalene-d8	10.90	136	151686	20.00	ng		0.00
39) Acenaphthene-d10	14.72	164	95193	20.00	ng		0.00
64) Phenanthrene-d10	17.47	188	225490	20.00	ng		0.00
76) Chrysene-d12	21.75	240	211037	20.00	ng		0.00
87) Perylene-d12	25.07	264	201609	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	302171	150.89	ng		0.00
7) Phenol-d6	7.23	99	412121	144.17	ng		0.00
23) Nitrobenzene-d5	9.26	82	198615	70.09	ng		0.00
42) 2,4,6-Tribromophenol	16.21	330	151930	139.94	ng		0.00
45) 2-Fluorobiphenyl	13.34	172	425158	65.07	ng		0.00
79) Terphenyl-d14	20.07	244	685521	76.43	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	32735	34.608	ng		93
3) Pyridine	3.91	79	92535	34.295	ng		94
4) n-Nitrosodimethylamine	3.84	42	53878	55.040	ng		95
6) Aniline	7.41	93	121808	33.017	ng		98
8) 2-Chlorophenol	7.65	128	113744	48.951	ng		99
9) Benzaldehyde	7.23	77	57996	28.055	ng		97
10) Phenol	7.26	94	146176	48.278	ng		97
11) bis(2-Chloroethyl)ether	7.50	93	108200	43.773	ng		100
12) 1,3-Dichlorobenzene	7.97	146	110502	41.281	ng		98
13) 1,4-Dichlorobenzene	8.12	146	114211	42.237	ng		98
14) 1,2-Dichlorobenzene	8.44	146	112246	43.479	ng		97
15) Benzyl Alcohol	8.33	79	103158	49.874	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.60	45	230597	50.240	ng		97
17) 2-Methylphenol	8.52	107	100569	49.129	ng		99
18) Hexachloroethane	9.17	117	42212	42.894	ng		91
19) n-Nitroso-di-n-propylamine	8.89	70	88584	42.828	ng		97
20) 3+4-Methylphenols	8.85	107	139897	48.209	ng		94
22) Acetophenone	8.91	105	164757	43.655	ng	#	96
24) Nitrobenzene	9.30	77	134605	46.436	ng		97
25) Isophorone	9.82	82	244606	47.959	ng		97
26) 2-Nitrophenol	10.01	139	65347	45.157	ng		96
27) 2,4-Dimethylphenol	10.05	122	114986	52.738	ng		98
28) bis(2-Chloroethoxy)methane	10.30	93	148310	45.475	ng		96
29) 2,4-Dichlorophenol	10.55	162	118540	48.335	ng		97
30) 1,2,4-Trichlorobenzene	10.76	180	118439	43.097	ng		96
31) Naphthalene	10.95	128	350316	46.955	ng		99
32) Benzoic acid	10.19	122	51048	39.352	ng		90
33) 4-Chloroaniline	11.06	127	95929	27.642	ng		98
34) Hexachlorobutadiene	11.22	225	72265	42.725	ng		95
35) Caprolactam	11.86	113	41403	42.177	ng		93
36) 4-Chloro-3-methylphenol	12.17	107	129650	48.389	ng		95
37) 2-Methylnaphthalene	12.55	142	253589	47.320	ng		96
38) 1-Methylnaphthalene	12.77	142	242994	47.106	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.92	216	135294	42.533	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	146691	86.121	ng		100
43) 2,4,6-Trichlorophenol	13.15	196	96702	44.613	ng		98
44) 2,4,5-Trichlorophenol	13.23	196	104030	45.613	ng		98
46) 1,1'-Biphenyl	13.56	154	325293	40.676	ng		99
47) 2-Chloronaphthalene	13.60	162	260939	42.759	ng		100
48) 2-Nitroaniline	13.81	65	94717	49.315	ng		96
49) Acenaphthylene	14.45	152	428459	46.688	ng		99
50) Dimethylphthalate	14.17	163	331055	43.868	ng		99
51) 2,6-Dinitrotoluene	14.30	165	77285	45.249	ng		95
52) Acenaphthene	14.78	154	247846	44.861	ng		100
53) 3-Nitroaniline	14.64	138	67612	35.874	ng	#	97
54) 2,4-Dinitrophenol	14.84	184	52279	59.415	ng	#	86
55) Dibenzofuran	15.12	168	398656	43.639	ng		98
56) 4-Nitrophenol	14.93	139	122433	84.227	ng		91
57) 2,4-Dinitrotoluene	15.08	165	109424	47.086	ng	#	95
58) Fluorene	15.77	166	318069	46.664	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.34	232	90877	47.619	ng		97
60) Diethylphthalate	15.52	149	349664	43.623	ng		99
61) 4-Chlorophenyl-phenylether	15.75	204	169754	42.563	ng		98
62) 4-Nitroaniline	15.80	138	84793	45.288	ng		92
63) Azobenzene	16.05	77	330452	46.108	ng		95
65) 4,6-Dinitro-2-methylphenol	15.84	198	52361	36.713	ng		90
66) n-Nitrosodiphenylamine	15.97	169	293838	43.074	ng		99
67) 4-Bromophenyl-phenylether	16.65	248	106750	43.132	ng		95
68) Hexachlorobenzene	16.76	284	108025	42.286	ng		97
69) Atrazine	16.91	200	112000	44.538	ng		98
70) Pentachlorophenol	17.11	266	119557	68.908	ng		95
71) Phenanthrene	17.51	178	542799	47.017	ng		99
72) Anthracene	17.60	178	548301	48.181	ng		99
73) Carbazole	17.87	167	502454	44.007	ng		100
74) Di-n-butylphthalate	18.41	149	610098	47.602	ng		99
75) Fluoranthene	19.51	202	649235	49.290	ng		99
77) Benzidine	19.70	184	204302	27.589	ng		99
78) Pyrene	19.88	202	645117	46.755	ng		98
80) Butylbenzylphthalate	20.75	149	283580	46.997	ng		98
81) Benzo(a)anthracene	21.73	228	610933	47.904	ng		98
82) 3,3'-Dichlorobenzidine	21.65	252	171038	34.429	ng		98
83) Chrysene	21.80	228	565799	46.369	ng		98
84) Bis(2-ethylhexyl)phthalate	21.60	149	396339	46.059	ng		98
85) Di-n-octyl phthalate	22.84	149	681638	48.964	ng		98
86) Indeno(1,2,3-cd)pyrene	28.89	276	577389	42.605	ng	#	95
88) Benzo(b)fluoranthene	24.01	252	603549	54.400	ng		99
89) Benzo(k)fluoranthene	24.08	252	570799	52.139	ng		99
90) Benzo(a)pyrene	24.91	252	575345	54.263	ng		98
91) Dibenzo(a,h)anthracene	28.95	278	465907	45.669	ng		97
92) Benzo(g,h,i)perylene	30.08	276	465025	45.843	ng		98

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

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