Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110718\
Data File : BG037879.D
Acq On : 8 Nov 2018 00:33
Operator : JU/SJ
Sample : PB114465BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB114465BS

Quant Time: Nov 08 09:02:44 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 18 14:06:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	55202	20.00	ng		-0.02
21) Naphthalene-d8	10.91	136	237507	20.00	ng		-0.02
39) Acenaphthene-d10	14.73	164	156821	20.00	ng		-0.01
64) Phenanthrene-d10	17.47	188	361854	20.00	ng		-0.01
76) Chrysene-d12	21.76	240	326625	20.00	ng		-0.01
87) Perylene-d12	25.08	264	332503	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	272708	82.59	ng		-0.01
7) Phenol-d6	7.24	99	387589	77.63	ng		-0.01
23) Nitrobenzene-d5	9.27	82	336913	79.47	ng		-0.01
42) 2,4,6-Tribromophenol	16.22	330	137191	80.21	ng		-0.01
45) 2-Fluorobiphenyl	13.35	172	802396	77.16	ng		-0.02
79) Terphenyl-d14	20.07	244	1193628	78.09	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	39265	23.449	ng		92
3) Pyridine	3.93	79	111654	26.456	ng		94
4) n-Nitrosodimethylamine	3.84	42	51931	34.546	ng		98
6) Aniline	7.42	93	98431	16.160	ng		94
8) 2-Chlorophenol	7.65	128	143111	37.050	ng		98
9) Benzaldehyde	7.23	77	91957	29.443	ng		95
10) Phenol	7.27	94	189682	36.007	ng		99
11) bis(2-Chloroethyl)ether	7.51	93	128947	32.229	ng		96
12) 1,3-Dichlorobenzene	7.98	146	139828	32.517	ng		100
13) 1,4-Dichlorobenzene	8.13	146	142051	32.294	ng		96
14) 1,2-Dichlorobenzene	8.45	146	134710	31.837	ng		99
15) Benzyl Alcohol	8.33	79	122531	33.214	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.61	45	235040	32.832	ng		96
17) 2-Methylphenol	8.53	107	128826	36.990	ng		98
18) Hexachloroethane	9.18	117	52039	34.702	ng		96
19) n-Nitroso-di-n-propylamine	8.90	70	103517	30.109	ng		95
20) 3+4-Methylphenols	8.85	107	176656	35.478	ng		98
22) Acetophenone	8.93	105	204974	34.411	ng	#	97
24) Nitrobenzene	9.31	77	157600	35.782	ng		94
25) Isophorone	9.82	82	297781	38.440	ng		96
26) 2-Nitrophenol	10.02	139	78612	39.619	ng		99
27) 2,4-Dimethylphenol	10.06	122	143976	40.640	ng		98
28) bis(2-Chloroethoxy)methane	10.31	93	187897	37.020	ng		97
29) 2,4-Dichlorophenol	10.55	162	154555	39.183	ng		97
30) 1,2,4-Trichlorobenzene	10.77	180	150663	35.124	ng		100
31) Naphthalene	10.96	128	444626	38.114	ng		99
32) Benzoic acid	10.19	122	76294	33.156	ng		94
33) 4-Chloroaniline	11.08	127	72239	13.179	ng		95
34) Hexachlorobutadiene	11.23	225	90330	35.531	ng		98
35) Caprolactam	11.86	113	53016	33.512	ng		90
36) 4-Chloro-3-methylphenol	12.18	107	167969	37.759	ng		99
37) 2-Methylnaphthalene	12.56	142	339914	39.972	ng		100
38) 1-Methylnaphthalene	12.78	142	325691	39.437	ng		96
40) 1,2,4,5-Tetrachlorobenzene	12.92	216	177348	35.061	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.89	237	214901	88.941	ng		99
43) 2,4,6-Trichlorophenol	13.16	196	129268	38.252	ng		98
44) 2,4,5-Trichlorophenol	13.23	196	140103	38.078	ng		97
46) 1,1'-Biphenyl	13.56	154	439337	33.828	ng		100
47) 2-Chloronaphthalene	13.61	162	353382	35.965	ng		98
48) 2-Nitroaniline	13.82	65	113378	38.051	ng		92
49) Acenaphthylene	14.45	152	580116	39.249	ng		100
50) Dimethylphthalate	14.18	163	449452	37.047	ng		99
51) 2,6-Dinitrotoluene	14.31	165	101293	37.742	ng		93
52) Acenaphthene	14.79	154	340235	37.377	ng		98
53) 3-Nitroaniline	14.64	138	71001	23.830	ng	#	96
54) 2,4-Dinitrophenol	14.84	184	64139	62.864	ng		99
55) Dibenzofuran	15.12	168	548239	36.351	ng		99
56) 4-Nitrophenol	14.94	139	208643	94.607	ng		99
57) 2,4-Dinitrotoluene	15.09	165	144261	40.949	ng		94
58) Fluorene	15.78	166	439756	38.937	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.35	232	123131	39.086	ng		98
60) Diethylphthalate	15.53	149	456977	36.689	ng		99
61) 4-Chlorophenyl-phenylether	15.76	204	231042	35.098	ng		96
62) 4-Nitroaniline	15.81	138	104927	35.442	ng		86
63) Azobenzene	16.05	77	430448	36.221	ng		98
65) 4,6-Dinitro-2-methylphenol	15.85	198	66085	37.142	ng		99
66) n-Nitrosodiphenylamine	15.98	169	397502	36.520	ng		99
67) 4-Bromophenyl-phenylether	16.66	248	145089	36.512	ng		99
68) Hexachlorobenzene	16.77	284	146730	35.628	ng		97
69) Atrazine	16.92	200	148087	37.630	ng		99
70) Pentachlorophenol	17.12	266	159150	57.691	ng		95
71) Phenanthrene	17.52	178	721625	39.239	ng		99
72) Anthracene	17.61	178	731521	40.533	ng		99
73) Carbazole	17.88	167	650007	36.005	ng		99
74) Di-n-butylphthalate	18.41	149	780861	38.883	ng		100
75) Fluoranthene	19.52	202	828672	39.729	ng		99
77) Benzidine	19.71	184	137724	12.401	ng		99
78) Pyrene	19.88	202	827015	38.733	ng		99
80) Butylbenzylphthalate	20.75	149	350046	40.058	ng		99
81) Benzo(a)anthracene	21.74	228	765524	39.624	ng		100
82) 3,3'-Dichlorobenzidine	21.66	252	151750	20.265	ng		99
83) Chrysene	21.81	228	716840	38.587	ng		98
84) Bis(2-ethylhexyl)phthalate	21.61	149	495151	40.424	ng		99
85) Di-n-octyl phthalate	22.85	149	836790	41.894	ng		97
86) Indeno(1,2,3-cd)pyrene	28.90	276	711406	35.704	ng		98
88) Benzo(b)fluoranthene	24.02	252	726647	39.862	ng		99
89) Benzo(k)fluoranthene	24.09	252	733218	41.055	ng		98
90) Benzo(a)pyrene	24.93	252	698945	40.351	ng		99
91) Dibenzo(a,h)anthracene	28.96	278	570216	35.687	ng		98
92) Benzo(g,h,i)perylene	30.11	276	575250	35.586	ng		98

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

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