Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080718\
Data File : BG036191.D
Acq On : 8 Aug 2018 10:44
Operator : JU/SJ
Sample : J4297-01MS
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-1MS

Quant Time: Aug 08 12:33:38 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 31 12:30:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	27527	20.00	ng		-0.02
21) Naphthalene-d8	10.81	136	98987	20.00	ng		-0.02
38) Acenaphthene-d10	14.63	164	73189	20.00	ng		-0.02
63) Phenanthrene-d10	17.38	188	212584	20.00	ng		-0.02
75) Chrysene-d12	21.64	240	241299	20.00	ng		-0.02
86) Perylene-d12	24.82	264	229361	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	158550	95.63	ng		0.00
7) Phenol-d6	7.18	99	234709	94.88	ng		-0.01
23) Nitrobenzene-d5	9.17	82	152811	64.49	ng		-0.02
41) 2,4,6-Tribromophenol	16.12	330	115918	120.16	ng		-0.02
44) 2-Fluorobiphenyl	13.26	172	345512	63.25	ng		-0.02
78) Terphenyl-d14	19.98	244	725145	66.24	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	19969	23.663	ng	#	75
3) Pyridine	3.90	79	52172	23.682	ng	#	80
4) n-Nitrosodimethylamine	3.82	42	25738	27.209	ng	#	89
6) Aniline	7.34	93	45650	14.237	ng		92
8) 2-Chlorophenol	7.58	128	52991	31.425	ng		97
9) Benzaldehyde	7.15	77	29561	19.476	ng		91
10) Phenol	7.21	94	80538	32.225	ng		93
11) bis(2-Chloroethyl)ether	7.43	93	55963	28.593	ng	#	83
12) 1,3-Dichlorobenzene	7.90	146	58228	28.594	ng		96
13) 1,4-Dichlorobenzene	8.04	146	61080	29.521	ng		91
14) 1,2-Dichlorobenzene	8.36	146	60332	30.353	ng		99
15) Benzyl Alcohol	8.25	79	59707	26.579	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.53	45	58985	35.947	ng		78
17) 2-Methylphenol	8.45	107	52428	30.854	ng	#	89
18) Hexachloroethane	9.09	117	23664	29.913	ng		97
19) n-Nitroso-di-n-propylamine	8.81	70	48823	23.438	ng	#	83
20) 3+4-Methylphenols	8.79	107	70032	29.709	ng		91
22) Acetophenone	8.83	105	93488	30.371	ng	#	93
24) Nitrobenzene	9.21	77	74797	31.387	ng		94
25) Isophorone	9.73	82	142812	32.467	ng		97
26) 2-Nitrophenol	9.92	139	30200	35.683	ng	#	85
27) 2,4-Dimethylphenol	9.98	122	54757	38.222	ng		98
28) bis(2-Chloroethoxy)methane	10.21	93	73318	30.249	ng		96
29) 2,4-Dichlorophenol	10.47	162	63456	38.803	ng		87
30) 1,2,4-Trichlorobenzene	10.67	180	68952	34.385	ng		99
31) Naphthalene	10.86	128	166982	32.384	ng		98
33) 4-Chloroaniline	10.98	127	31298	13.927	ng	#	94
34) Hexachlorobutadiene	11.14	225	55325	35.381	ng		97
35) Caprolactam	11.74	113	21611	30.794	ng	#	70
36) 4-Chloro-3-methylphenol	12.10	107	76988	35.122	ng		92
37) 2-Methylnaphthalene	12.46	142	129303	33.659	ng	#	87
39) 1,2,4,5-Tetrachlorobenzene	12.83	216	95498	34.571	ng		98
40) Hexachlorocyclopentadiene	12.81	237	95899	66.195	ng		90
42) 2,4,6-Trichlorophenol	13.08	196	57745	35.745	ng		95

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.16	196	63861	35.337 ng	#	96
45) 1,1'-Biphenyl	13.47	154	180504	31.811 ng		99
46) 2-Chloronaphthalene	13.51	162	145911	33.059 ng		98
47) 2-Nitroaniline	13.72	65	50845	32.585 ng		95
48) Acenaphthylene	14.36	152	241212	32.625 ng		97
49) Dimethylphthalate	14.09	163	249530	38.913 ng		98
50) 2,6-Dinitrotoluene	14.21	165	48426	37.085 ng		94
51) Acenaphthene	14.70	154	142184	30.872 ng		98
52) 3-Nitroaniline	14.54	138	24645	18.466 ng	#	97
53) 2,4-Dinitrophenol	14.76	184	11686	22.553 ng	#	68
54) Dibenzofuran	15.03	168	248323	33.902 ng		93
55) 4-Nitrophenol	14.87	139	54436	57.272 ng	#	88
56) 2,4-Dinitrotoluene	15.00	165	71271	38.044 ng		88
57) Fluorene	15.68	166	201983	32.901 ng		98
58) 2,3,4,6-Tetrachlorophenol	15.26	232	67231	38.800 ng	#	93
59) Diethylphthalate	15.45	149	209620	31.791 ng		99
60) 4-Chlorophenyl-phenylether	15.67	204	115047	31.884 ng		100
61) 4-Nitroaniline	15.71	138	42514	30.452 ng	#	74
62) Azobenzene	15.96	77	207922	31.969 ng		96
64) 4,6-Dinitro-2-methylphenol	15.76	198	33117	27.985 ng		79
65) n-Nitrosodiphenylamine	15.88	169	187311	30.956 ng		99
66) 4-Bromophenyl-phenylether	16.56	248	80963	32.827 ng		97
67) Hexachlorobenzene	16.69	284	83714	32.960 ng		95
68) Atrazine	16.84	200	88325	35.453 ng		95
69) Pentachlorophenol	17.03	266	76608	49.520 ng		94
70) Phenanthrene	17.42	178	343692	32.401 ng		98
71) Anthracene	17.51	178	345860	32.745 ng		99
72) Carbazole	17.79	167	327139	32.614 ng		98
73) Di-n-butylphthalate	18.33	149	362185	30.555 ng	#	97
74) Fluoranthene	19.43	202	484551	33.913 ng		96
76) Benzidine	19.61	184	112595	17.749 ng		94
77) Pyrene	19.79	202	483880	31.714 ng		100
79) Butylbenzylphthalate	20.67	149	179841	32.961 ng		95
80) Benzo(a)anthracene	21.62	228	482241	32.070 ng		100
81) 3,3'-Dichlorobenzidine	21.54	252	88430	16.866 ng	#	95
82) Chrysene	21.69	228	458533	32.906 ng		99
83) Bis(2-ethylhexyl)phthalate	21.52	149	243754	32.861 ng	#	97
84) Di-n-octyl phthalate	22.72	149	409870	33.001 ng	#	92
85) Indeno(1,2,3-cd)pyrene	28.45	276	502951	32.601 ng	#	87
87) Benzo(b)fluoranthene	23.81	252	456374	32.737 ng	#	97
88) Benzo(k)fluoranthene	23.88	252	438147	32.149 ng	#	97
89) Benzo(a)pyrene	24.68	252	446496	34.428 ng	#	97
90) Dibenzo(a,h)anthracene	28.51	278	418557	32.873 ng	#	95
91) Benzo(g,h,i)perylene	29.58	276	425634	34.162 ng	#	92

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

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