Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080318\
Data File : BG036102.D
Acq On : 3 Aug 2018 20:12
Operator : JU/SJ
Sample : J4323-01MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ES-RO-276MS

Quant Time: Aug 03 23:29:35 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	8.02	152	25405	20.00	ng		0.00
21) Naphthalene-d8	10.82	136	99935	20.00	ng		0.00
38) Acenaphthene-d10	14.64	164	80472	20.00	ng		0.00
63) Phenanthrene-d10	17.39	188	225139	20.00	ng		0.00
75) Chrysene-d12	21.66	240	247891	20.00	ng		0.00
86) Perylene-d12	24.85	264	244918	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	207737	135.76	ng		0.00
7) Phenol-d6	7.19	99	318792	139.63	ng		0.00
23) Nitrobenzene-d5	9.19	82	209459	87.56	ng		0.00
41) 2,4,6-Tribromophenol	16.14	330	165691	156.21	ng		0.00
44) 2-Fluorobiphenyl	13.27	172	502532	83.66	ng		0.00
78) Terphenyl-d14	19.99	244	1024638	91.11	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	24189	31.058	ng	#	76
3) Pyridine	3.92	79	34376	16.907	ng	#	80
4) n-Nitrosodimethylamine	3.83	42	31387	35.953	ng	#	90
6) Aniline	7.35	93	96283	32.537	ng		95
8) 2-Chlorophenol	7.59	128	73908	47.490	ng		100
9) Benzaldehyde	7.16	77	45331	32.360	ng		96
10) Phenol	7.22	94	114830	49.784	ng		92
11) bis(2-Chloroethyl)ether	7.44	93	74752	41.383	ng		89
12) 1,3-Dichlorobenzene	7.91	146	81663	43.452	ng	#	92
13) 1,4-Dichlorobenzene	8.06	146	82226	43.061	ng		96
14) 1,2-Dichlorobenzene	8.38	146	78491	42.788	ng		97
15) Benzyl Alcohol	8.26	79	86166	41.561	ng		88
16) 2,2'-oxybis(1-Chloropropan	8.55	45	82981	54.794	ng		73
17) 2-Methylphenol	8.47	107	76388	48.710	ng	#	89
18) Hexachloroethane	9.10	117	30585	41.891	ng		89
19) n-Nitroso-di-n-propylamine	8.82	70	73035	37.989	ng	#	84
20) 3+4-Methylphenols	8.79	107	102580	47.151	ng		94
22) Acetophenone	8.85	105	131950	42.459	ng	#	90
24) Nitrobenzene	9.23	77	109998	45.721	ng		95
25) Isophorone	9.74	82	214591	48.323	ng		99
26) 2-Nitrophenol	9.94	139	45491	53.241	ng	#	89
27) 2,4-Dimethylphenol	10.00	122	79900	55.243	ng		90
28) bis(2-Chloroethoxy)methane	10.23	93	109302	44.668	ng		96
29) 2,4-Dichlorophenol	10.48	162	90814	55.005	ng		89
30) 1,2,4-Trichlorobenzene	10.68	180	95981	47.410	ng		99
31) Naphthalene	10.87	128	236823	45.493	ng		98
32) Benzoic acid	10.00	122	79900	82.062	ng	#	10
33) 4-Chloroaniline	10.98	127	76347	33.650	ng		92
34) Hexachlorobutadiene	11.15	225	73638	46.645	ng		94
35) Caprolactam	11.77	113	18400	25.970	ng	#	66
36) 4-Chloro-3-methylphenol	12.11	107	119920	54.188	ng		94
37) 2-Methylnaphthalene	12.48	142	197762	50.992	ng		96
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	135233	44.524	ng		99
40) Hexachlorocyclopentadiene	12.82	237	148354	93.135	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	86642	48.779	ng		99
43) 2,4,5-Trichlorophenol	13.17	196	97169	48.901	ng	#	93
45) 1,1'-Biphenyl	13.48	154	276882	44.380	ng		97
46) 2-Chloronaphthalene	13.53	162	219556	45.242	ng		98
47) 2-Nitroaniline	13.73	65	79960	46.606	ng		89
48) Acenaphthylene	14.37	152	378406	46.549	ng		95
49) Dimethylphthalate	14.10	163	369163	52.360	ng		99
50) 2,6-Dinitrotoluene	14.23	165	74865	52.143	ng		91
51) Acenaphthene	14.71	154	221963	43.832	ng		98
52) 3-Nitroaniline	14.55	138	60001	40.888	ng	#	91
53) 2,4-Dinitrophenol	14.77	184	26546	39.579	ng	#	56
54) Dibenzofuran	15.04	168	379682	47.144	ng		92
55) 4-Nitrophenol	14.87	139	91788	87.831	ng	#	81
56) 2,4-Dinitrotoluene	15.01	165	109940	53.375	ng	#	87
57) Fluorene	15.69	166	318019	47.113	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.27	232	104398	54.797	ng		91
59) Diethylphthalate	15.46	149	324840	44.807	ng		98
60) 4-Chlorophenyl-phenylether	15.68	204	183824	46.334	ng		98
61) 4-Nitroaniline	15.72	138	75052	48.894	ng	#	76
62) Azobenzene	15.98	77	329804	46.119	ng		94
64) 4,6-Dinitro-2-methylphenol	15.78	198	55879	44.587	ng		91
65) n-Nitrosodiphenylamine	15.90	169	289370	45.156	ng		98
66) 4-Bromophenyl-phenylether	16.58	248	125204	47.934	ng		96
67) Hexachlorobenzene	16.70	284	130462	48.501	ng		95
68) Atrazine	16.85	200	131362	49.787	ng		97
69) Pentachlorophenol	17.05	266	110485	67.436	ng		96
70) Phenanthrene	17.43	178	523831	46.629	ng		96
71) Anthracene	17.53	178	537613	48.061	ng		98
72) Carbazole	17.80	167	489974	46.123	ng		99
73) Di-n-butylphthalate	18.34	149	563667	44.901	ng	#	98
74) Fluoranthene	19.44	202	705206	46.603	ng		97
76) Benzidine	19.63	184	75774	11.627	ng	#	95
77) Pyrene	19.80	202	699743	44.642	ng		98
79) Butylbenzylphthalate	20.68	149	264461	47.181	ng		96
80) Benzo(a)anthracene	21.63	228	723507	46.835	ng		99
81) 3,3'-Dichlorobenzidine	21.55	252	202545	37.603	ng	#	99
82) Chrysene	21.70	228	678811	47.419	ng		98
83) Bis(2-ethylhexyl)phthalate	21.53	149	371883	48.801	ng		99
84) Di-n-octyl phthalate	22.73	149	627876	49.209	ng	#	92
85) Indeno(1,2,3-cd)pyrene	28.50	276	762789	48.129	ng	#	92
87) Benzo(b)fluoranthene	23.84	252	684282	45.968	ng	#	96
88) Benzo(k)fluoranthene	23.90	252	685517	47.104	ng	#	98
89) Benzo(a)pyrene	24.70	252	666319	48.114	ng	#	97
90) Dibenzo(a,h)anthracene	28.55	278	647723	47.641	ng	#	94
91) Benzo(g,h,i)perylene	29.63	276	648663	48.756	ng	#	94

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

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