Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG113018\
Data File : BG038263.D
Acq On : 30 Nov 2018 18:41
Operator : JU/SJ
Sample : J5761-02MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : AU-06-112918MS

Quant Time: Dec 01 03:30:08 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	33164	20.00	ng		0.00
21) Naphthalene-d8	10.90	136	146399	20.00	ng		0.00
39) Acenaphthene-d10	14.72	164	90015	20.00	ng		0.00
64) Phenanthrene-d10	17.47	188	203711	20.00	ng		0.00
76) Chrysene-d12	21.75	240	186339	20.00	ng		0.00
87) Perylene-d12	25.07	264	184779	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	241652	125.81	ng		0.00
7) Phenol-d6	7.24	99	310503	113.25	ng		0.00
23) Nitrobenzene-d5	9.26	82	239637	87.62	ng		0.00
42) 2,4,6-Tribromophenol	16.21	330	130060	126.69	ng		0.00
45) 2-Fluorobiphenyl	13.34	172	496994	80.44	ng		0.00
79) Terphenyl-d14	20.07	244	808781	102.13	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	31433	34.645	ng	#	8
3) Pyridine	3.93	79	80981	31.290	ng		95
4) n-Nitrosodimethylamine	3.85	42	53830	57.331	ng		87
6) Aniline	7.41	93	25450	7.192	ng		95
8) 2-Chlorophenol	7.64	128	109647	49.196	ng		96
9) Benzaldehyde	7.22	77	70649	35.630	ng		95
10) Phenol	7.26	94	121458	41.821	ng		95
11) bis(2-Chloroethyl)ether	7.50	93	107704	45.426	ng		99
12) 1,3-Dichlorobenzene	7.97	146	110181	42.912	ng		94
13) 1,4-Dichlorobenzene	8.12	146	113501	43.760	ng		99
14) 1,2-Dichlorobenzene	8.43	146	107334	43.345	ng		99
15) Benzyl Alcohol	8.32	79	102413	51.620	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.60	45	229567	52.143	ng		98
17) 2-Methylphenol	8.52	107	96205	48.997	ng		96
18) Hexachloroethane	9.16	117	42089	44.589	ng		93
19) n-Nitroso-di-n-propylamine	8.89	70	88260	44.487	ng		90
20) 3+4-Methylphenols	8.85	107	130785	46.987	ng		97
22) Acetophenone	8.91	105	167069	45.867	ng	#	97
24) Nitrobenzene	9.30	77	136022	48.620	ng		97
25) Isophorone	9.82	82	253467	51.491	ng		99
26) 2-Nitrophenol	10.01	139	64570	46.231	ng		93
27) 2,4-Dimethylphenol	10.06	122	113869	54.112	ng		98
28) bis(2-Chloroethoxy)methane	10.30	93	149711	47.562	ng		98
29) 2,4-Dichlorophenol	10.54	162	115348	48.732	ng		95
30) 1,2,4-Trichlorobenzene	10.76	180	118845	44.806	ng		96
31) Naphthalene	10.96	128	347662	48.282	ng		99
32) Benzoic acid	10.16	122	20189	23.405	ng		91
33) 4-Chloroaniline	11.08	127	7015	2.094	ng	#	91
34) Hexachlorobutadiene	11.21	225	70263	43.042	ng	#	88
35) Caprolactam	11.85	113	28226	29.792	ng		98
36) 4-Chloro-3-methylphenol	12.18	107	126722	49.004	ng		95
37) 2-Methylnaphthalene	12.55	142	258022	49.886	ng		97
38) 1-Methylnaphthalene	12.77	142	244900	49.190	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.91	216	134526	44.724	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	139452	86.581 ng		100
43) 2,4,6-Trichlorophenol	13.15	196	95408	46.548 ng		99
44) 2,4,5-Trichlorophenol	13.22	196	99932	46.337 ng		98
46) 1,1'-Biphenyl	13.55	154	331060	43.778 ng		100
47) 2-Chloronaphthalene	13.60	162	261343	45.288 ng		100
48) 2-Nitroaniline	13.81	65	94510	52.038 ng		95
49) Acenaphthylene	14.45	152	432631	49.855 ng		99
50) Dimethylphthalate	14.17	163	340423	47.704 ng		100
51) 2,6-Dinitrotoluene	14.30	165	77460	47.960 ng		93
52) Acenaphthene	14.78	154	249725	47.801 ng		100
53) 3-Nitroaniline	14.63	138	9046	5.076 ng	#	92
54) 2,4-Dinitrophenol	14.84	184	8529	17.933 ng	#	86
55) Dibenzofuran	15.11	168	402204	46.560 ng		96
56) 4-Nitrophenol	14.93	139	81024	58.947 ng		92
57) 2,4-Dinitrotoluene	15.09	165	107350	48.851 ng		98
58) Fluorene	15.77	166	319522	49.574 ng		96
59) 2,3,4,6-Tetrachlorophenol	15.34	232	82602	45.773 ng		97
60) Diethylphthalate	15.52	149	346969	45.776 ng		100
61) 4-Chlorophenyl-phenylether	15.75	204	167975	44.539 ng		98
62) 4-Nitroaniline	15.80	138	77172	43.589 ng		92
63) Azobenzene	16.04	77	329980	48.691 ng		95
65) 4,6-Dinitro-2-methylphenol	15.84	198	15846	12.298 ng		98
66) n-Nitrosodiphenylamine	15.97	169	291508	47.301 ng		100
67) 4-Bromophenyl-phenylether	16.65	248	105396	47.138 ng		94
68) Hexachlorobenzene	16.76	284	109828	47.588 ng		98
69) Atrazine	16.91	200	106871	47.042 ng		99
70) Pentachlorophenol	17.11	266	62915	40.139 ng		96
71) Phenanthrene	17.51	178	530773	50.890 ng		99
72) Anthracene	17.60	178	540072	52.531 ng		100
73) Carbazole	17.88	167	489815	47.486 ng		99
74) Di-n-butylphthalate	18.41	149	592693	51.188 ng		98
75) Fluoranthene	19.52	202	630386	52.976 ng		98
77) Benzidine	19.70	184	27340	4.181 ng		99
78) Pyrene	19.88	202	631875	51.865 ng		99
80) Butylbenzylphthalate	20.74	149	264343	49.616 ng		99
81) Benzo(a)anthracene	21.73	228	603175	53.565 ng		99
82) 3,3'-Dichlorobenzidine	21.65	252	41562	9.475 ng		98
83) Chrysene	21.80	228	554466	51.463 ng		98
84) Bis(2-ethylhexyl)phthalate	21.60	149	370696	48.789 ng		99
85) Di-n-octyl phthalate	22.84	149	623104	50.692 ng		98
86) Indeno(1,2,3-cd)pyrene	28.88	276	445915	37.265 ng	#	65
88) Benzo(b)fluoranthene	24.00	252	553438	54.427 ng		100
89) Benzo(k)fluoranthene	24.07	252	580215	57.826 ng		99
90) Benzo(a)pyrene	24.91	252	541745	55.748 ng		98
91) Dibenzo(a,h)anthracene	28.94	278	345164	36.915 ng		99
92) Benzo(g,h,i)perylene	30.06	276	337639	36.317 ng		96

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

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