Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062918\
Data File : BG035512.D
Acq On : 29 Jun 2018 13:38
Operator : JU/SJ
Sample : J3593-01MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S39-9005MSD

Quant Time: Jun 29 16:57:44 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 08 17:16:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	29911	20.00	ng		-0.01
21) Naphthalene-d8	10.87	136	123841	20.00	ng		-0.02
38) Acenaphthene-d10	14.68	164	98185	20.00	ng		-0.01
63) Phenanthrene-d10	17.42	188	259642	20.00	ng		-0.02
75) Chrysene-d12	21.69	240	251423	20.00	ng		-0.02
86) Perylene-d12	24.92	264	247748	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	112351	63.39	ng		0.00
7) Phenol-d6	7.23	99	396582	151.60	ng		0.00
23) Nitrobenzene-d5	9.23	82	289043	110.94	ng		-0.01
41) 2,4,6-Tribromophenol	16.17	330	74067	58.93	ng		-0.01
44) 2-Fluorobiphenyl	13.31	172	638677	84.56	ng		-0.02
78) Terphenyl-d14	20.03	244	1067925	88.97	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	30343	35.882	ng	#	67
3) Pyridine	3.95	79	86012	37.697	ng	#	71
4) n-Nitrosodimethylamine	3.86	42	39842	40.646	ng	#	82
6) Aniline	7.39	93	114311	33.806	ng		95
8) 2-Chlorophenol	7.63	128	70164	37.767	ng		97
9) Benzaldehyde	7.20	77	50385	25.005	ng		98
10) Phenol	7.25	94	150504	55.594	ng		94
11) bis(2-Chloroethyl)ether	7.48	93	100202	47.687	ng		87
12) 1,3-Dichlorobenzene	7.95	146	106125	47.876	ng		96
13) 1,4-Dichlorobenzene	8.10	146	107857	47.135	ng		96
14) 1,2-Dichlorobenzene	8.42	146	105857	49.250	ng		92
15) Benzyl Alcohol	8.30	79	122548	49.440	ng		90
16) 2,2'-oxybis(1-Chloropropan	8.59	45	105874	50.625	ng		76
17) 2-Methylphenol	8.50	107	104393	58.489	ng	#	94
18) Hexachloroethane	9.15	117	39183	47.830	ng	#	86
19) n-Nitroso-di-n-propylamine	8.87	70	97098	43.690	ng	#	85
20) 3+4-Methylphenols	8.83	107	146396	57.223	ng		95
22) Acetophenone	8.89	105	176879	46.108	ng	#	90
24) Nitrobenzene	9.27	77	144455	54.147	ng		93
25) Isophorone	9.79	82	281993	51.266	ng		99
26) 2-Nitrophenol	9.98	139	27748	30.174	ng	#	91
27) 2,4-Dimethylphenol	10.04	122	115519	59.764	ng		92
28) bis(2-Chloroethoxy)methane	10.27	93	150814	51.021	ng		96
29) 2,4-Dichlorophenol	10.51	162	80578	38.312	ng		96
30) 1,2,4-Trichlorobenzene	10.73	180	133975	53.124	ng		98
31) Naphthalene	10.92	128	330752	51.412	ng		97
33) 4-Chloroaniline	11.02	127	98942	35.419	ng		96
34) Hexachlorobutadiene	11.20	225	99711	50.838	ng		96
35) Caprolactam	11.79	113	44165	56.820	ng	#	64
36) 4-Chloro-3-methylphenol	12.15	107	159687	60.909	ng		96
37) 2-Methylnaphthalene	12.52	142	268111	54.968	ng		90
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	193048	52.786	ng		99
40) Hexachlorocyclopentadiene	12.86	237	216163	94.255	ng		90
42) 2,4,6-Trichlorophenol	13.12	196	19515	8.912	ng		90

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.20	196	52825	21.978	ng		95
45) 1,1'-Biphenyl	13.52	154	373489	47.307	ng		98
46) 2-Chloronaphthalene	13.56	162	297478	49.836	ng		99
47) 2-Nitroaniline	13.77	65	103123	58.505	ng		92
48) Acenaphthylene	14.41	152	503182	50.273	ng		98
49) Dimethylphthalate	14.14	163	503659	58.825	ng	#	98
50) 2,6-Dinitrotoluene	14.26	165	96008	61.465	ng		93
51) Acenaphthene	14.75	154	297723	45.526	ng		97
52) 3-Nitroaniline	14.58	138	74310	48.482	ng	#	92
54) Dibenzofuran	15.08	168	498910	50.939	ng		95
55) 4-Nitrophenol	14.90	139	6038	4.668	ng		90
56) 2,4-Dinitrotoluene	15.04	165	143316	69.070	ng	#	82
57) Fluorene	15.73	166	413020	50.458	ng		95
58) 2,3,4,6-Tetrachlorophenol	15.31	232	14264	6.109	ng	#	70
59) Diethylphthalate	15.50	149	419430	48.015	ng		97
60) 4-Chlorophenyl-phenylether	15.72	204	239153	51.237	ng		97
61) 4-Nitroaniline	15.75	138	98818	60.117	ng	#	83
62) Azobenzene	16.01	77	414118	48.377	ng		94
64) 4,6-Dinitro-2-methylphenol	15.80	198	4582	3.865	ng	#	78
65) n-Nitrosodiphenylamine	15.94	169	365786	46.912	ng		99
66) 4-Bromophenyl-phenylether	16.61	248	166135	53.134	ng		95
67) Hexachlorobenzene	16.73	284	168792	53.038	ng		94
68) Atrazine	16.88	200	168795	50.763	ng		96
69) Pentachlorophenol	17.08	266	14351	6.706	ng		91
70) Phenanthrene	17.47	178	655981	49.736	ng		98
71) Anthracene	17.56	178	661629	50.080	ng		99
72) Carbazole	17.83	167	609233	49.700	ng		98
73) Di-n-butylphthalate	18.38	149	669729	45.839	ng	#	99
74) Fluoranthene	19.47	202	830391	48.383	ng		97
76) Benzidine	19.65	184	355190	37.973	ng		98
77) Pyrene	19.84	202	814617	49.148	ng		98
79) Butylbenzylphthalate	20.72	149	295649	49.122	ng		95
80) Benzo(a)anthracene	21.68	228	802849	49.970	ng		99
81) 3,3'-Dichlorobenzidine	21.59	252	231211	38.250	ng		99
82) Chrysene	21.74	228	755369	51.350	ng		98
83) Bis(2-ethylhexyl)phthalate	21.58	149	408055	47.982	ng		98
84) Di-n-octyl phthalate	22.79	149	675687	46.311	ng	#	93
85) Indeno(1,2,3-cd)pyrene	28.60	276	893447	51.859	ng	#	93
87) Benzo(b)fluoranthene	23.90	252	765419	50.169	ng	#	97
88) Benzo(k)fluoranthene	23.97	252	737308	49.402	ng	#	97
89) Benzo(a)pyrene	24.77	252	749564	52.211	ng	#	94
90) Dibenzo(a,h)anthracene	28.67	278	731211	51.595	ng	#	96
91) Benzo(g,h,i)perylene	29.76	276	761084	54.875	ng	#	93

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

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