Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062618\
Data File : BG035433.D
Acq On : 27 Jun 2018 6:36
Operator : JU/SJ
Sample : PB110599BS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB110599BS

Manual Integrations APPROVED
Sohil
6/27/2018 3:32:32 PM

Quant Time: Jun 27 08:05:57 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	8.05	152	47229	20.00	ng		-0.03
21) Naphthalene-d8	10.86	136	181836	20.00	ng		-0.03
38) Acenaphthene-d10	14.67	164	136873	20.00	ng		-0.03
63) Phenanthrene-d10	17.41	188	363116	20.00	ng		-0.03
75) Chrysene-d12	21.68	240	376147	20.00	ng		-0.03
86) Perylene-d12	24.90	264	367539	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	373029	133.29	ng		-0.01
7) Phenol-d6	7.22	99	538188	130.30	ng		0.00
23) Nitrobenzene-d5	9.21	82	343364	89.76	ng		-0.03
41) 2,4,6-Tribromophenol	16.16	330	257550	146.99	ng		-0.02
44) 2-Fluorobiphenyl	13.30	172	804240	76.39	ng		-0.03
78) Terphenyl-d14	20.02	244	1450067	80.75	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	40173	30.086	ng	#	71
3) Pyridine	3.93	79	114877	31.886	ng	#	68
4) n-Nitrosodimethylamine	3.85	42	48893	31.589	ng	#	84
6) Aniline	7.37	93	160894	30.135	ng		96
8) 2-Chlorophenol	7.62	128	118638	40.443	ng		95
9) Benzaldehyde	7.19	77	86111	27.065	ng		97
10) Phenol	7.24	94	179281	41.941	ng		93
11) bis(2-Chloroethyl)ether	7.47	93	111623	33.644	ng		94
12) 1,3-Dichlorobenzene	7.94	146	130352	37.242	ng		96
13) 1,4-Dichlorobenzene	8.08	146	134392	37.195	ng		94
14) 1,2-Dichlorobenzene	8.41	146	127358	37.526	ng		98
15) Benzyl Alcohol	8.28	79	143500	36.664	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.57	45	130547	39.533	ng		73
17) 2-Methylphenol	8.49	107	118642	42.098	ng		93
18) Hexachloroethane	9.13	117	47605	36.802	ng		89
19) n-Nitroso-di-n-propylamine	8.85	70	109380	31.169	ng	#	85
20) 3+4-Methylphenols	8.82	107	167732	41.522	ng		95
22) Acetophenone	8.87	105	209213	37.142	ng	#	88
24) Nitrobenzene	9.25	77	170191	43.447	ng		93
25) Isophorone	9.77	82	312087	38.641	ng		99
26) 2-Nitrophenol	9.96	139	68275	50.565	ng	#	90
27) 2,4-Dimethylphenol	10.02	122	127335	44.866	ng		95
28) bis(2-Chloroethoxy)methane	10.26	93	164760	37.961	ng		96
29) 2,4-Dichlorophenol	10.50	162	143848	46.581	ng		95
30) 1,2,4-Trichlorobenzene	10.72	180	151640	40.951	ng		99
31) Naphthalene	10.90	128	368873	39.050	ng		98
32) Benzoic acid	10.15	122	79305	41.718	ng	#	85
33) 4-Chloroaniline	11.01	127	87554	21.346	ng		99
34) Hexachlorobutadiene	11.19	225	114251	39.673	ng		97
35) Caprolactam	11.78	113	47526m	41.642	ng		
36) 4-Chloro-3-methylphenol	12.13	107	171635	44.586	ng		92
37) 2-Methylnaphthalene	12.50	142	299440	41.811	ng		91
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	204529	40.118	ng		99
40) Hexachlorocyclopentadiene	12.85	237	277518	86.804	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	135765	44.473	ng		97
43) 2,4,5-Trichlorophenol	13.18	196	146879	43.836	ng		94
45) 1,1'-Biphenyl	13.51	154	415810	37.780	ng		98
46) 2-Chloronaphthalene	13.55	162	319370	38.380	ng		97
47) 2-Nitroaniline	13.75	65	110844	45.110	ng		97
48) Acenaphthylene	14.39	152	540290	38.722	ng		97
49) Dimethylphthalate	14.12	163	451669	37.842	ng		99
50) 2,6-Dinitrotoluene	14.24	165	102930	47.270	ng		92
51) Acenaphthene	14.73	154	325912	35.750	ng		99
52) 3-Nitroaniline	14.58	138	70277	32.891	ng	#	93
53) 2,4-Dinitrophenol	14.78	184	101368	115.029	ng	#	64
54) Dibenzofuran	15.07	168	528041	38.674	ng		93
55) 4-Nitrophenol	14.88	139	149229	82.754	ng	#	88
56) 2,4-Dinitrotoluene	15.03	165	148256	51.255	ng	#	86
57) Fluorene	15.72	166	441309	38.675	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.29	232	153836	47.262	ng	#	91
59) Diethylphthalate	15.49	149	448043	36.793	ng		98
60) 4-Chlorophenyl-phenylether	15.71	204	259381	39.863	ng		95
61) 4-Nitroaniline	15.74	138	102638	44.791	ng	#	80
62) Azobenzene	16.00	77	453044	37.965	ng		94
64) 4,6-Dinitro-2-methylphenol	15.79	198	81193	48.974	ng		88
65) n-Nitrosodiphenylamine	15.92	169	399089	36.598	ng		97
66) 4-Bromophenyl-phenylether	16.60	248	180235	41.217	ng		97
67) Hexachlorobenzene	16.72	284	183637	41.260	ng		94
68) Atrazine	16.87	200	182746	39.298	ng		97
69) Pentachlorophenol	17.07	266	209951	70.151	ng		99
70) Phenanthrene	17.46	178	723776	39.239	ng		99
71) Anthracene	17.55	178	737537	39.917	ng		97
72) Carbazole	17.82	167	656463	38.293	ng		99
73) Di-n-butylphthalate	18.37	149	744297	36.426	ng		99
74) Fluoranthene	19.46	202	935645	38.981	ng		95
76) Benzidine	19.64	184	458326	32.752	ng		97
77) Pyrene	19.82	202	924393	37.278	ng		96
79) Butylbenzylphthalate	20.71	149	340280	37.791	ng	#	94
80) Benzo(a)anthracene	21.66	228	956206	39.781	ng		100
81) 3,3'-Dichlorobenzidine	21.58	252	241448	26.699	ng	#	95
82) Chrysene	21.73	228	891770	40.521	ng		98
83) Bis(2-ethylhexyl)phthalate	21.57	149	460503	36.194	ng		99
84) Di-n-octyl phthalate	22.77	149	797227	36.523	ng	#	92
85) Indeno(1,2,3-cd)pyrene	28.56	276	1042608	40.450	ng	#	89
87) Benzo(b)fluoranthene	23.88	252	929982	41.088	ng	#	96
88) Benzo(k)fluoranthene	23.95	252	884181	39.934	ng	#	96
89) Benzo(a)pyrene	24.74	252	901556	42.331	ng	#	97
90) Dibenzo(a,h)anthracene	28.63	278	841175	40.009	ng	#	96
91) Benzo(g,h,i)perylene	29.71	276	855106	41.559	ng	#	93

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

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