Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG013018\
Data File : BG032449.D
Acq On : 30 Jan 2018 19:44
Operator : SJ/JU
Sample : PB106183BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB106183BS

Manual Integrations APPROVED
Sohil
1/31/2018 8:31:09 PM

Quant Time: Jan 31 01:31:12 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 29 15:32:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.71	152	29204	20.00	ng		0.00
21) Naphthalene-d8	11.59	136	110506	20.00	ng		0.00
38) Acenaphthene-d10	15.35	164	77666	20.00	ng		0.00
63) Phenanthrene-d10	18.08	188	208695	20.00	ng		0.00
75) Chrysene-d12	22.41	240	261901	20.00	ng		0.00
86) Perylene-d12	26.08	264	287778	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	6.15	112	218490	150.27	ng		0.00
7) Phenol-d6	7.84	99	268832	138.56	ng		0.01
23) Nitrobenzene-d5	9.91	82	163176	92.23	ng		0.00
41) 2,4,6-Tribromophenol	16.83	330	221360	149.73	ng		0.00
44) 2-Fluorobiphenyl	13.97	172	601661	92.08	ng		-0.01
78) Terphenyl-d14	20.62	244	1190729	97.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.80	88	19784	40.442	ng	#	76
3) Pyridine	4.26	79	55040	41.668	ng	#	81
4) n-Nitrosodimethylamine	4.17	42	33428	48.614	ng	#	67
6) Aniline	8.01	93	37500	15.502	ng		97
8) 2-Chlorophenol	8.26	128	86119	50.107	ng		84
9) Benzaldehyde	7.82	77	28243	28.184	ng		88
10) Phenol	7.87	94	88555	48.062	ng		86
11) bis(2-Chloroethyl)ether	8.10	93	59851	42.632	ng	#	84
12) 1,3-Dichlorobenzene	8.60	146	100466	43.224	ng		92
13) 1,4-Dichlorobenzene	8.75	146	104765	44.971	ng		92
14) 1,2-Dichlorobenzene	9.08	146	98879	43.328	ng		95
15) Benzyl Alcohol	8.95	79	70928	44.356	ng	#	90
16) 2,2'-oxybis(1-Chloropropan	9.24	45	56191	42.239	ng		78
17) 2-Methylphenol	9.16	107	61333	40.985	ng		93
18) Hexachloroethane	9.83	117	33963	43.422	ng	#	85
19) n-Nitroso-di-n-propylamine	9.53	70	51569	40.086	ng	#	89
20) 3+4-Methylphenols	9.50	107	91408	43.547	ng		95
22) Acetophenone	9.55	105	112537	43.444	ng	#	91
24) Nitrobenzene	9.95	77	81523	47.652	ng	#	83
25) Isophorone	10.48	82	142526	47.312	ng	#	84
26) 2-Nitrophenol	10.68	139	50671	48.997	ng	#	80
27) 2,4-Dimethylphenol	10.72	122	82419	55.525	ng		92
28) bis(2-Chloroethoxy)methane	10.96	93	85186	51.567	ng	#	91
29) 2,4-Dichlorophenol	11.22	162	102791	52.275	ng		92
30) 1,2,4-Trichlorobenzene	11.45	180	118646	45.271	ng		100
31) Naphthalene	11.64	128	252437	46.772	ng		99
32) Benzoic acid	10.85	122	39825m	37.791	ng		
33) 4-Chloroaniline	11.74	127	29752	12.359	ng		93
34) Hexachlorobutadiene	11.91	225	90387	44.328	ng		96
35) Caprolactam	12.50	113	29759	52.718	ng	#	49
36) 4-Chloro-3-methylphenol	12.83	107	96896	51.950	ng	#	86
37) 2-Methylnaphthalene	13.21	142	209984	46.310	ng		95
39) 1,2,4,5-Tetrachlorobenzene	13.56	216	160748	44.241	ng		98
40) Hexachlorocyclopentadiene	13.54	237	226520	99.779	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.80	196	102309	51.766	ng		98
43) 2,4,5-Trichlorophenol	13.87	196	111777	48.516	ng	#	89
45) 1,1'-Biphenyl	14.18	154	303375	46.235	ng		96
46) 2-Chloronaphthalene	14.24	162	232678	45.243	ng		97
47) 2-Nitroaniline	14.43	65	52018	45.738	ng	#	78
48) Acenaphthylene	15.08	152	357079	45.928	ng		97
49) Dimethylphthalate	14.78	163	330206	46.111	ng		99
50) 2,6-Dinitrotoluene	14.91	165	72151	48.003	ng	#	81
51) Acenaphthene	15.41	154	277855	51.531	ng		97
52) 3-Nitroaniline	15.24	138	25942	19.760	ng	#	64
53) 2,4-Dinitrophenol	15.45	184	81689	86.706	ng	#	52
54) Dibenzofuran	15.74	168	380822	47.718	ng		97
55) 4-Nitrophenol	15.54	139	99101	100.829	ng	#	76
56) 2,4-Dinitrotoluene	15.69	165	106711	49.864	ng	#	66
57) Fluorene	16.39	166	308900	46.579	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.96	232	121188	53.332	ng	#	85
59) Diethylphthalate	16.12	149	322609	46.255	ng		95
60) 4-Chlorophenyl-phenylether	16.36	204	197364	47.195	ng		95
61) 4-Nitroaniline	16.40	138	56663	40.268	ng	#	78
62) Azobenzene	16.66	77	196869	47.233	ng	#	80
64) 4,6-Dinitro-2-methylphenol	16.45	198	65172	41.801	ng	#	73
65) n-Nitrosodiphenylamine	16.58	169	290931	46.712	ng		97
66) 4-Bromophenyl-phenylether	17.25	248	145612	47.096	ng		99
67) Hexachlorobenzene	17.38	284	154921	45.278	ng	#	90
68) Atrazine	17.50	200	133299	49.857	ng		94
69) Pentachlorophenol	17.72	266	178993	83.509	ng		96
70) Phenanthrene	18.12	178	530792	45.607	ng		98
71) Anthracene	18.21	178	549954	47.457	ng		98
72) Carbazole	18.47	167	471388	46.039	ng		98
73) Di-n-butylphthalate	18.98	149	544924	48.069	ng		99
74) Fluoranthene	20.09	202	718393	47.068	ng		95
76) Benzidine	20.25	184	202371	39.351	ng		100
77) Pyrene	20.45	202	716679	44.615	ng		99
79) Butylbenzylphthalate	21.30	149	248374	49.020	ng	#	79
80) Benzo(a)anthracene	22.39	228	769982	47.423	ng		98
81) 3,3'-Dichlorobenzidine	22.28	252	121540	19.321	ng	#	95
82) Chrysene	22.46	228	713640	45.513	ng		97
83) Bis(2-ethylhexyl)phthalate	22.23	149	352247	49.031	ng	#	98
84) Di-n-octyl phthalate	23.59	149	612420	53.745	ng	#	88
85) Indeno(1,2,3-cd)pyrene	30.34	276	984883	49.652	ng	#	86
87) Benzo(b)fluoranthene	24.91	252	815104	46.877	ng	#	95
88) Benzo(k)fluoranthene	24.98	252	801595	46.536	ng	#	94
89) Benzo(a)pyrene	25.91	252	805898	48.615	ng	#	95
90) Dibenzo(a,h)anthracene	30.42	278	822411	48.497	ng	#	94
91) Benzo(g,h,i)perylene	31.69	276	823912	48.949	ng	#	91

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

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