Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG111117\
Data File : BG030953.D
Acq On : 11 Nov 2017 21:30
Operator : SJ/JU
Sample : PB104196BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB104196BS

Manual Integrations APPROVED
SOHIL
11/13/2017 4:55:27 PM

Quant Time: Nov 13 05:41:45 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 10 15:38:25 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	37154	20.00	ng		-0.01
21) Naphthalene-d8	10.96	136	166720	20.00	ng		-0.01
38) Acenaphthene-d10	14.76	164	120969	20.00	ng		-0.01
63) Phenanthrene-d10	17.50	188	326910	20.00	ng		-0.01
75) Chrysene-d12	21.78	240	410653	20.00	ng		0.00
86) Perylene-d12	25.08	264	422281	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	288027	132.93	ng		0.00
7) Phenol-d6	7.31	99	378090	129.53	ng		0.00
23) Nitrobenzene-d5	9.31	82	216840	77.07	ng		-0.01
41) 2,4,6-Tribromophenol	16.25	330	261956	133.86	ng		0.00
44) 2-Fluorobiphenyl	13.38	172	668268	79.38	ng		-0.02
78) Terphenyl-d14	20.09	244	1437216	77.28	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	29206	33.216	ng		86
3) Pyridine	3.95	79	87721	34.365	ng		92
4) n-Nitrosodimethylamine	3.87	42	45986	38.011	ng	#	89
6) Aniline	7.46	93	55524	14.453	ng		92
8) 2-Chlorophenol	7.71	128	101466	42.435	ng		90
9) Benzaldehyde	7.28	77	50615	24.779	ng		92
10) Phenol	7.34	94	131894	43.509	ng		92
11) bis(2-Chloroethyl)ether	7.55	93	88920	36.737	ng		90
12) 1,3-Dichlorobenzene	8.03	146	109098	38.889	ng		95
13) 1,4-Dichlorobenzene	8.18	146	109856	38.643	ng		94
14) 1,2-Dichlorobenzene	8.50	146	104459	38.283	ng		96
15) Benzyl Alcohol	8.38	79	91990	39.288	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.67	45	133925	50.093	ng		94
17) 2-Methylphenol	8.59	107	88554	41.949	ng		96
18) Hexachloroethane	9.23	117	38068	38.475	ng		95
19) n-Nitroso-di-n-propylamine	8.94	70	76903	34.649	ng	#	96
20) 3+4-Methylphenols	8.92	107	124443	41.458	ng		94
22) Acetophenone	8.96	105	146395	35.266	ng	#	94
24) Nitrobenzene	9.35	77	111110	38.660	ng		92
25) Isophorone	9.87	82	209743	38.224	ng	#	94
26) 2-Nitrophenol	10.06	139	63912	42.663	ng		92
27) 2,4-Dimethylphenol	10.12	122	104451	46.965	ng		96
28) bis(2-Chloroethoxy)methane	10.34	93	128876	37.291	ng		97
29) 2,4-Dichlorophenol	10.61	162	125197	46.879	ng		91
30) 1,2,4-Trichlorobenzene	10.81	180	125302	39.298	ng		96
31) Naphthalene	11.01	128	309154	37.721	ng		99
32) Benzoic acid	10.23	122	20973	15.648	ng	#	79
33) 4-Chloroaniline	11.12	127	43002	11.986	ng		94
34) Hexachlorobutadiene	11.28	225	86949	39.321	ng		95
35) Caprolactam	11.88	113	43084m	39.491	ng		
36) 4-Chloro-3-methylphenol	12.23	107	125669	43.234	ng		90
37) 2-Methylnaphthalene	12.60	142	251605	39.767	ng		93
39) 1,2,4,5-Tetrachlorobenzene	12.97	216	167096	34.803	ng		96
40) Hexachlorocyclopentadiene	12.94	237	139561	78.782	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.21	196	121491	44.264	ng		98
43) 2,4,5-Trichlorophenol	13.29	196	129258	43.043	ng		90
45) 1,1'-Biphenyl	13.59	154	353810	35.271	ng		97
46) 2-Chloronaphthalene	13.64	162	283889	39.224	ng		96
47) 2-Nitroaniline	13.85	65	83193	38.781	ng	#	82
48) Acenaphthylene	14.49	152	445275	37.589	ng		98
49) Dimethylphthalate	14.20	163	404047	38.630	ng		100
50) 2,6-Dinitrotoluene	14.33	165	90292	41.882	ng	#	76
51) Acenaphthene	14.83	154	271988	36.765	ng		98
52) 3-Nitroaniline	14.66	138	37197	16.250	ng	#	79
53) 2,4-Dinitrophenol	14.88	184	21487	22.654	ng	#	48
54) Dibenzofuran	15.16	168	461970	39.203	ng		99
55) 4-Nitrophenol	14.99	139	135562	83.135	ng	#	82
56) 2,4-Dinitrotoluene	15.12	165	129782	41.641	ng	#	74
57) Fluorene	15.80	166	376438	39.348	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.39	232	140277	49.012	ng	#	87
59) Diethylphthalate	15.56	149	405396	38.157	ng		97
60) 4-Chlorophenyl-phenylether	15.79	204	227395	39.356	ng		91
61) 4-Nitroaniline	15.83	138	92053	37.976	ng		93
62) Azobenzene	16.09	77	317407	39.173	ng		94
64) 4,6-Dinitro-2-methylphenol	15.89	198	30448	14.012	ng		81
65) n-Nitrosodiphenylamine	16.00	169	355601	35.897	ng		100
66) 4-Bromophenyl-phenylether	16.68	248	164073	39.627	ng		95
67) Hexachlorobenzene	16.81	284	177750	40.403	ng	#	90
68) Atrazine	16.94	200	158953	38.890	ng		99
69) Pentachlorophenol	17.16	266	141242	58.079	ng		98
70) Phenanthrene	17.55	178	674492	39.627	ng		99
71) Anthracene	17.64	178	692410	40.598	ng		98
72) Carbazole	17.91	167	638006	39.923	ng		99
73) Di-n-butylphthalate	18.44	149	751008	38.275	ng		99
74) Fluoranthene	19.55	202	927695	43.046	ng		98
76) Benzidine	19.72	184	238368	18.070	ng		98
77) Pyrene	19.90	202	954186	39.157	ng		99
79) Butylbenzylphthalate	20.77	149	368786	37.957	ng	#	82
80) Benzo(a)anthracene	21.75	228	1017679	39.896	ng		99
81) 3,3'-Dichlorobenzidine	21.66	252	149767	14.545	ng		99
82) Chrysene	21.83	228	948589	40.201	ng		98
83) Bis(2-ethylhexyl)phthalate	21.64	149	513284	36.598	ng	#	99
84) Di-n-octyl phthalate	22.87	149	870842	38.149	ng	#	94
85) Indeno(1,2,3-cd)pyrene	28.87	276	1170759	40.814	ng	#	87
87) Benzo(b)fluoranthene	24.03	252	1045067	40.913	ng	#	97
88) Benzo(k)fluoranthene	24.10	252	983874	38.859	ng	#	98
89) Benzo(a)pyrene	24.92	252	997654	41.113	ng	#	97
90) Dibenzo(a,h)anthracene	28.93	278	980434	39.529	ng	#	96
91) Benzo(g,h,i)perylene	30.06	276	970973	40.335	ng	#	94

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

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