Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111618\
Data File : BG038046.D
Acq On : 16 Nov 2018 23:13
Operator : JU/SJ
Sample : PB114891BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB114891BS

Manual Integrations APPROVED
Sohil
11/19/2018 2:13:46 PM

Quant Time: Nov 17 03:33:56 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	42783	20.00	ng		0.00
21) Naphthalene-d8	10.90	136	182694	20.00	ng		0.00
39) Acenaphthene-d10	14.72	164	114669	20.00	ng		0.00
64) Phenanthrene-d10	17.47	188	265864	20.00	ng		0.00
76) Chrysene-d12	21.75	240	255884	20.00	ng		0.00
87) Perylene-d12	25.07	264	271942	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	232826	93.96	ng		0.00
7) Phenol-d6	7.23	99	320484	90.61	ng		0.00
23) Nitrobenzene-d5	9.26	82	192299	56.34	ng		0.00
42) 2,4,6-Tribromophenol	16.21	330	105311	80.53	ng		0.00
45) 2-Fluorobiphenyl	13.34	172	438272	55.68	ng		0.00
79) Terphenyl-d14	20.07	244	686184	63.10	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	28309	24.187	ng		99
3) Pyridine	3.92	79	80453	24.097	ng		96
4) n-Nitrosodimethylamine	3.84	42	38270	31.595	ng		94
6) Aniline	7.41	93	64278	14.080	ng		100
8) 2-Chlorophenol	7.64	128	89785	31.227	ng		98
9) Benzaldehyde	7.23	77	46480	18.171	ng		94
10) Phenol	7.26	94	119120	31.795	ng		99
11) bis(2-Chloroethyl)ether	7.50	93	84303	27.562	ng		98
12) 1,3-Dichlorobenzene	7.97	146	90476	27.315	ng		98
13) 1,4-Dichlorobenzene	8.12	146	91886	27.462	ng		98
14) 1,2-Dichlorobenzene	8.44	146	88095	27.577	ng		97
15) Benzyl Alcohol	8.32	79	75329	29.432	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.61	45	161576	28.449	ng		97
17) 2-Methylphenol	8.52	107	79035	31.202	ng		98
18) Hexachloroethane	9.17	117	34367	28.222	ng		93
19) n-Nitroso-di-n-propylamine	8.89	70	67232	26.269	ng		99
20) 3+4-Methylphenols	8.85	107	107987	30.074	ng		97
22) Acetophenone	8.92	105	131921	29.022	ng	#	98
24) Nitrobenzene	9.30	77	100327	28.737	ng		94
25) Isophorone	9.82	82	188923	30.755	ng		97
26) 2-Nitrophenol	10.02	139	47194	27.077	ng		96
27) 2,4-Dimethylphenol	10.06	122	91255	34.750	ng		96
28) bis(2-Chloroethoxy)methane	10.30	93	118233	30.100	ng		95
29) 2,4-Dichlorophenol	10.54	162	90716	30.712	ng		98
30) 1,2,4-Trichlorobenzene	10.76	180	93862	28.357	ng		99
31) Naphthalene	10.96	128	279417	31.095	ng		99
32) Benzoic acid	10.17	122	42981m	31.221	ng		
33) 4-Chloroaniline	11.07	127	46022	11.010	ng		95
34) Hexachlorobutadiene	11.22	225	54799	26.900	ng		95
35) Caprolactam	11.84	113	31204	26.392	ng	#	87
36) 4-Chloro-3-methylphenol	12.17	107	97384	30.178	ng		99
37) 2-Methylnaphthalene	12.55	142	203878	31.587	ng		98
38) 1-Methylnaphthalene	12.77	142	193000	31.064	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.91	216	105519	27.538	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	132476	64.566	ng		98
43) 2,4,6-Trichlorophenol	13.15	196	73976	28.332	ng		96
44) 2,4,5-Trichlorophenol	13.22	196	81358	29.613	ng		95
46) 1,1'-Biphenyl	13.55	154	264512	27.458	ng		100
47) 2-Chloronaphthalene	13.60	162	207999	28.295	ng		100
48) 2-Nitroaniline	13.81	65	68347	29.541	ng		91
49) Acenaphthylene	14.45	152	347547	31.439	ng		99
50) Dimethylphthalate	14.17	163	263373	28.972	ng		100
51) 2,6-Dinitrotoluene	14.30	165	60273	29.295	ng		94
52) Acenaphthene	14.79	154	197149	29.624	ng		98
53) 3-Nitroaniline	14.63	138	36490	16.073	ng	#	92
54) 2,4-Dinitrophenol	14.83	184	48058	47.541	ng		91
55) Dibenzofuran	15.12	168	323090	29.360	ng		99
56) 4-Nitrophenol	14.93	139	101805	58.141	ng		98
57) 2,4-Dinitrotoluene	15.09	165	83520	29.835	ng		93
58) Fluorene	15.77	166	258044	31.428	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.34	232	70796	30.796	ng		97
60) Diethylphthalate	15.52	149	271182	28.085	ng		99
61) 4-Chlorophenyl-phenylether	15.75	204	131337	27.337	ng		100
62) 4-Nitroaniline	15.80	138	67288	29.835	ng		91
63) Azobenzene	16.04	77	254305	29.457	ng		97
65) 4,6-Dinitro-2-methylphenol	15.84	198	42249	25.124	ng		98
66) n-Nitrosodiphenylamine	15.97	169	231570	28.791	ng		98
67) 4-Bromophenyl-phenylether	16.65	248	82866	28.397	ng		96
68) Hexachlorobenzene	16.76	284	85105	28.255	ng		99
69) Atrazine	16.91	200	87200	29.410	ng		98
70) Pentachlorophenol	17.11	266	94829	46.356	ng		96
71) Phenanthrene	17.51	178	433650	31.858	ng		98
72) Anthracene	17.60	178	442420	32.973	ng		99
73) Carbazole	17.88	167	405986	30.158	ng		99
74) Di-n-butylphthalate	18.41	149	471024	31.170	ng		100
75) Fluoranthene	19.52	202	514399	33.123	ng		99
77) Benzidine	19.70	184	161979	18.040	ng		98
78) Pyrene	19.88	202	524641	31.360	ng		98
80) Butylbenzylphthalate	20.75	149	220696	30.165	ng		97
81) Benzo(a)anthracene	21.73	228	494448	31.976	ng		99
82) 3,3'-Dichlorobenzidine	21.65	252	95262	15.815	ng		99
83) Chrysene	21.80	228	458682	31.002	ng		99
84) Bis(2-ethylhexyl)phthalate	21.60	149	311368	29.843	ng		97
85) Di-n-octyl phthalate	22.84	149	534843	31.686	ng		98
86) Indeno(1,2,3-cd)pyrene	28.88	276	541666	32.964	ng	#	94
88) Benzo(b)fluoranthene	24.01	252	475704	31.788	ng		98
89) Benzo(k)fluoranthene	24.08	252	473809	32.086	ng		98
90) Benzo(a)pyrene	24.92	252	466978	32.652	ng		99
91) Dibenzo(a,h)anthracene	28.95	278	447094	32.490	ng		99
92) Benzo(g,h,i)perylene	30.07	276	442365	32.330	ng		99

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

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