Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111618\
Data File : BG038057.D
Acq On : 17 Nov 2018 6:27
Operator : JU/SJ
Sample : PB114894BS
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB114894BS

Manual Integrations APPROVED
Sohil
11/19/2018 2:13:51 PM

Quant Time: Nov 19 05:56:31 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	47727	20.00	ng		0.00
21) Naphthalene-d8	10.90	136	199773	20.00	ng		0.00
39) Acenaphthene-d10	14.72	164	120074	20.00	ng		0.00
64) Phenanthrene-d10	17.47	188	279826	20.00	ng		0.00
76) Chrysene-d12	21.75	240	269968	20.00	ng		0.00
87) Perylene-d12	25.07	264	267742	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	401461	145.23	ng		0.00
7) Phenol-d6	7.24	99	534041	135.34	ng		0.00
23) Nitrobenzene-d5	9.26	82	250450	67.11	ng		0.00
42) 2,4,6-Tribromophenol	16.21	330	180051	131.48	ng		0.00
45) 2-Fluorobiphenyl	13.34	172	548472	66.55	ng		0.00
79) Terphenyl-d14	20.07	244	838537	73.09	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	57038	43.685	ng		98
3) Pyridine	3.92	79	126394	33.935	ng		99
4) n-Nitrosodimethylamine	3.84	42	64616	47.819	ng	#	95
6) Aniline	7.41	93	187328	36.784	ng		96
8) 2-Chlorophenol	7.65	128	147546	46.000	ng		96
9) Benzaldehyde	7.22	77	96497	33.817	ng		98
10) Phenol	7.26	94	192509	46.060	ng		98
11) bis(2-Chloroethyl)ether	7.51	93	143303	41.998	ng		97
12) 1,3-Dichlorobenzene	7.97	146	150284	40.671	ng		96
13) 1,4-Dichlorobenzene	8.12	146	155311	41.609	ng		96
14) 1,2-Dichlorobenzene	8.44	146	147784	41.470	ng		99
15) Benzyl Alcohol	8.32	79	131938	46.210	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.61	45	275297	43.450	ng		99
17) 2-Methylphenol	8.52	107	132645	46.942	ng		98
18) Hexachloroethane	9.16	117	56716	41.751	ng		98
19) n-Nitroso-di-n-propylamine	8.89	70	115383	40.413	ng		97
20) 3+4-Methylphenols	8.85	107	180597	45.085	ng		98
22) Acetophenone	8.92	105	216633	43.584	ng	#	99
24) Nitrobenzene	9.30	77	172088	45.077	ng		95
25) Isophorone	9.82	82	321015	47.790	ng		97
26) 2-Nitrophenol	10.02	139	83930	44.038	ng		97
27) 2,4-Dimethylphenol	10.06	122	148836	51.832	ng		99
28) bis(2-Chloroethoxy)methane	10.30	93	197449	45.969	ng		96
29) 2,4-Dichlorophenol	10.54	162	150623	46.633	ng		96
30) 1,2,4-Trichlorobenzene	10.76	180	154171	42.595	ng		98
31) Naphthalene	10.96	128	455006	46.307	ng		99
32) Benzoic acid	10.20	122	88143	47.756	ng		98
33) 4-Chloroaniline	11.07	127	121210	26.519	ng		97
34) Hexachlorobutadiene	11.22	225	89531	40.192	ng		99
35) Caprolactam	11.85	113	36567	28.284	ng		93
36) 4-Chloro-3-methylphenol	12.17	107	162390	46.020	ng		96
37) 2-Methylnaphthalene	12.55	142	329256	46.650	ng		97
38) 1-Methylnaphthalene	12.77	142	313423	46.134	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.91	216	169075	42.139	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	216227	100.641	ng		98
43) 2,4,6-Trichlorophenol	13.15	196	121475	44.429	ng		100
44) 2,4,5-Trichlorophenol	13.22	196	129369	44.969	ng		97
46) 1,1'-Biphenyl	13.55	154	421948	41.829	ng		100
47) 2-Chloronaphthalene	13.60	162	333706	43.352	ng		100
48) 2-Nitroaniline	13.81	65	112980	46.634	ng		95
49) Acenaphthylene	14.45	152	549759	47.493	ng		99
50) Dimethylphthalate	14.17	163	420889	44.215	ng		99
51) 2,6-Dinitrotoluene	14.30	165	97335	45.179	ng		96
52) Acenaphthene	14.79	154	316918	45.477	ng		99
53) 3-Nitroaniline	14.63	138	80745	33.965	ng	#	99
54) 2,4-Dinitrophenol	14.84	184	103758	88.162	ng		92
55) Dibenzofuran	15.12	168	509297	44.198	ng		100
56) 4-Nitrophenol	14.93	139	168282	91.780	ng		96
57) 2,4-Dinitrotoluene	15.09	165	136723	46.642	ng		98
58) Fluorene	15.77	166	411795	47.896	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.34	232	113740	47.249	ng		97
60) Diethylphthalate	15.53	149	438225	43.342	ng		99
61) 4-Chlorophenyl-phenylether	15.75	204	208718	41.488	ng		97
62) 4-Nitroaniline	15.80	138	110100	46.620	ng		95
63) Azobenzene	16.05	77	411100	45.475	ng		99
65) 4,6-Dinitro-2-methylphenol	15.84	198	77557	43.820	ng		97
66) n-Nitrosodiphenylamine	15.97	169	368878	43.574	ng		99
67) 4-Bromophenyl-phenylether	16.65	248	131955	42.963	ng		99
68) Hexachlorobenzene	16.76	284	135014	42.588	ng		98
69) Atrazine	16.91	200	139562	44.722	ng		96
70) Pentachlorophenol	17.11	266	167493	77.791	ng		96
71) Phenanthrene	17.51	178	673853	47.035	ng		100
72) Anthracene	17.60	178	688312	48.739	ng		99
73) Carbazole	17.88	167	636300	44.908	ng		100
74) Di-n-butylphthalate	18.41	149	754464	47.435	ng		99
75) Fluoranthene	19.52	202	804688	49.229	ng		100
77) Benzidine	19.70	184	383526	40.486	ng		99
78) Pyrene	19.88	202	807856	45.769	ng		99
80) Butylbenzylphthalate	20.75	149	357684	46.339	ng		96
81) Benzo(a)anthracene	21.73	228	766557	46.986	ng		99
82) 3,3'-Dichlorobenzidine	21.65	252	194131	30.548	ng		99
83) Chrysene	21.80	228	709716	45.467	ng		99
84) Bis(2-ethylhexyl)phthalate	21.60	149	498481	45.284	ng		100
85) Di-n-octyl phthalate	22.84	149	859330	48.253	ng		99
86) Indeno(1,2,3-cd)pyrene	28.88	276	850297	49.047	ng	#	90
88) Benzo(b)fluoranthene	24.01	252	765219	51.936	ng		99
89) Benzo(k)fluoranthene	24.08	252	719722m	49.504	ng		
90) Benzo(a)pyrene	24.92	252	735224	52.214	ng		97
91) Dibenzo(a,h)anthracene	28.95	278	700720	51.720	ng		97
92) Benzo(g,h,i)perylene	30.08	276	708655	52.605	ng		99

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

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