Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111418\
Data File : BG038013.D
Acq On : 15 Nov 2018 1:32
Operator : JU/SJ
Sample : PB114826BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB114826BS

Manual Integrations APPROVED
Sohil
11/15/2018 11:05:26 AM

Quant Time: Nov 15 03:29:01 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	47558	20.00	ng		0.00
21) Naphthalene-d8	10.90	136	193350	20.00	ng		0.00
39) Acenaphthene-d10	14.72	164	116232	20.00	ng		0.00
64) Phenanthrene-d10	17.46	188	277681	20.00	ng		0.00
76) Chrysene-d12	21.75	240	258625	20.00	ng		0.00
87) Perylene-d12	25.07	264	268515	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	385623	140.00	ng		0.00
7) Phenol-d6	7.24	99	515235	131.04	ng		0.00
23) Nitrobenzene-d5	9.26	82	247422	68.50	ng		0.00
42) 2,4,6-Tribromophenol	16.21	330	175883	132.68	ng		0.00
45) 2-Fluorobiphenyl	13.34	172	544718	68.27	ng		0.00
79) Terphenyl-d14	20.07	244	889496	80.93	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	44595	34.276	ng		99
3) Pyridine	3.92	79	125460	33.804	ng		98
4) n-Nitrosodimethylamine	3.84	42	57657	42.821	ng		94
6) Aniline	7.41	93	172450	33.983	ng		96
8) 2-Chlorophenol	7.64	128	139466	43.636	ng		98
9) Benzaldehyde	7.22	77	85872	30.200	ng		97
10) Phenol	7.26	94	182031	43.708	ng		99
11) bis(2-Chloroethyl)ether	7.51	93	135176	39.757	ng		96
12) 1,3-Dichlorobenzene	7.97	146	143323	38.925	ng		97
13) 1,4-Dichlorobenzene	8.12	146	146761	39.458	ng		98
14) 1,2-Dichlorobenzene	8.44	146	141911	39.963	ng		97
15) Benzyl Alcohol	8.32	79	124444	43.740	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.60	45	252964	40.067	ng		97
17) 2-Methylphenol	8.52	107	125440	44.550	ng		99
18) Hexachloroethane	9.16	117	54153	40.006	ng		98
19) n-Nitroso-di-n-propylamine	8.89	70	108057	37.981	ng		94
20) 3+4-Methylphenols	8.85	107	169690	42.513	ng		99
22) Acetophenone	8.92	105	204181	42.443	ng	#	99
24) Nitrobenzene	9.30	77	158883	43.001	ng		97
25) Isophorone	9.81	82	299676	46.096	ng		98
26) 2-Nitrophenol	10.01	139	78662	42.645	ng		97
27) 2,4-Dimethylphenol	10.06	122	143129	51.500	ng		98
28) bis(2-Chloroethoxy)methane	10.30	93	183698	44.188	ng		97
29) 2,4-Dichlorophenol	10.54	162	141913	45.396	ng		97
30) 1,2,4-Trichlorobenzene	10.76	180	148237	42.317	ng		99
31) Naphthalene	10.95	128	435157	45.758	ng		99
32) Benzoic acid	10.17	122	61527	37.881	ng		98
33) 4-Chloroaniline	11.07	127	116054	26.235	ng		97
34) Hexachlorobutadiene	11.22	225	87798	40.723	ng		98
35) Caprolactam	11.85	113	50212m	40.129	ng		
36) 4-Chloro-3-methylphenol	12.17	107	151338	44.312	ng		97
37) 2-Methylnaphthalene	12.55	142	315548	46.193	ng		97
38) 1-Methylnaphthalene	12.77	142	299385	45.532	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.91	216	161181	41.499	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	204630	98.391	ng		99
43) 2,4,6-Trichlorophenol	13.15	196	116817	44.138	ng		99
44) 2,4,5-Trichlorophenol	13.22	196	125170	44.948	ng		96
46) 1,1'-Biphenyl	13.55	154	399855	40.949	ng		99
47) 2-Chloronaphthalene	13.60	162	318621	42.760	ng		99
48) 2-Nitroaniline	13.81	65	105519	44.995	ng		95
49) Acenaphthylene	14.44	152	524308	46.791	ng		99
50) Dimethylphthalate	14.17	163	406406	44.105	ng		99
51) 2,6-Dinitrotoluene	14.30	165	92926	44.558	ng		96
52) Acenaphthene	14.79	154	306069	45.372	ng		95
53) 3-Nitroaniline	14.63	138	74487	32.368	ng	#	98
54) 2,4-Dinitrophenol	14.84	184	92556	81.972	ng		98
55) Dibenzofuran	15.11	168	487048	43.664	ng		99
56) 4-Nitrophenol	14.93	139	164282	92.560	ng		99
57) 2,4-Dinitrotoluene	15.09	165	134910	47.545	ng	#	94
58) Fluorene	15.77	166	392628	47.176	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.34	232	113853	48.859	ng		100
60) Diethylphthalate	15.52	149	424763	43.400	ng		99
61) 4-Chlorophenyl-phenylether	15.75	204	206441	42.392	ng		99
62) 4-Nitroaniline	15.80	138	106658	46.655	ng		94
63) Azobenzene	16.05	77	384058	43.888	ng		98
65) 4,6-Dinitro-2-methylphenol	15.84	198	71615	40.775	ng		97
66) n-Nitrosodiphenylamine	15.97	169	358932	42.727	ng		99
67) 4-Bromophenyl-phenylether	16.65	248	125774	41.267	ng		97
68) Hexachlorobenzene	16.76	284	130715	41.551	ng		97
69) Atrazine	16.91	200	136654	44.128	ng		97
70) Pentachlorophenol	17.11	266	162562	76.084	ng		97
71) Phenanthrene	17.51	178	659216	46.369	ng		98
72) Anthracene	17.60	178	669194	47.752	ng		99
73) Carbazole	17.88	167	620132	44.105	ng		99
74) Di-n-butylphthalate	18.40	149	735461	46.598	ng		99
75) Fluoranthene	19.52	202	781954	48.208	ng		99
77) Benzidine	19.70	184	402994	44.407	ng		99
78) Pyrene	19.88	202	781853	46.239	ng		99
80) Butylbenzylphthalate	20.75	149	341301	46.155	ng		96
81) Benzo(a)anthracene	21.73	228	736832	47.145	ng		99
82) 3,3'-Dichlorobenzidine	21.64	252	184696	30.338	ng		98
83) Chrysene	21.79	228	682981	45.674	ng		99
84) Bis(2-ethylhexyl)phthalate	21.60	149	477753	45.304	ng		99
85) Di-n-octyl phthalate	22.83	149	820229	48.078	ng		99
86) Indeno(1,2,3-cd)pyrene	28.87	276	819216	49.327	ng	#	97
88) Benzo(b)fluoranthene	24.00	252	717045	48.526	ng		99
89) Benzo(k)fluoranthene	24.07	252	702895	48.207	ng		99
90) Benzo(a)pyrene	24.91	252	705370	49.950	ng		99
91) Dibenzo(a,h)anthracene	28.95	278	676119	49.760	ng		98
92) Benzo(g,h,i)perylene	30.08	276	679046	50.262	ng		98

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

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