Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121918\
Data File : BG038752.D
Acq On : 20 Dec 2018 7:36
Operator : JU/SJ
Sample : J6425-10MS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-20181214MS

Manual Integrations APPROVED
Sohil
12/20/2018 1:06:53 PM

Quant Time: Dec 20 11:08:50 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 15:26:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	24787	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	98477	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	64523	20.00	ng		0.00
64) Phenanthrene-d10	17.44	188	163597	20.00	ng		0.00
76) Chrysene-d12	21.72	240	164519	20.00	ng		0.00
87) Perylene-d12	25.02	264	179959	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	173978	124.49	ng		0.00
7) Phenol-d6	7.21	99	214766	111.94	ng		0.00
23) Nitrobenzene-d5	9.23	82	161308	83.68	ng		0.00
42) 2,4,6-Tribromophenol	16.18	330	133743	150.40	ng		0.00
45) 2-Fluorobiphenyl	13.31	172	399915	85.03	ng		0.00
79) Terphenyl-d14	20.04	244	775872	102.64	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	19422	29.861	ng		94
3) Pyridine	3.89	79	47005	26.249	ng		90
4) n-Nitrosodimethylamine	3.82	42	35542	40.507	ng	#	95
6) Aniline	7.38	93	35301	14.414	ng		98
8) 2-Chlorophenol	7.62	128	70318	43.480	ng		95
9) Benzaldehyde	7.20	77	23151	18.602	ng		98
10) Phenol	7.24	94	84780	41.595	ng		98
11) bis(2-Chloroethyl)ether	7.48	93	61929	38.163	ng		94
12) 1,3-Dichlorobenzene	7.94	146	74921	39.181	ng		96
13) 1,4-Dichlorobenzene	8.09	146	75760	38.684	ng		98
14) 1,2-Dichlorobenzene	8.41	146	72359	39.192	ng		96
15) Benzyl Alcohol	8.30	79	64030	42.759	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.58	45	132503	35.645	ng		97
17) 2-Methylphenol	8.49	107	61887	45.319	ng		98
18) Hexachloroethane	9.13	117	25894	36.184	ng		88
19) n-Nitroso-di-n-propylamine	8.86	70	52495	38.959	ng		96
20) 3+4-Methylphenols	8.82	107	88951	47.165	ng		97
22) Acetophenone	8.89	105	106501	43.297	ng	#	100
24) Nitrobenzene	9.28	77	87769	45.009	ng		99
25) Isophorone	9.79	82	149613	43.198	ng		98
26) 2-Nitrophenol	9.99	139	42035	42.116	ng		95
27) 2,4-Dimethylphenol	10.03	122	69635	48.682	ng		97
28) bis(2-Chloroethoxy)methane	10.27	93	85244	43.614	ng		96
29) 2,4-Dichlorophenol	10.52	162	80119	50.348	ng		98
30) 1,2,4-Trichlorobenzene	10.73	180	84049	43.727	ng		93
31) Naphthalene	10.93	128	225171	46.407	ng		99
32) Benzoic acid	10.19	122	20254	27.736	ng		89
33) 4-Chloroaniline	11.04	127	22551	10.705	ng		94
34) Hexachlorobutadiene	11.18	225	55267	42.493	ng		94
35) Caprolactam	11.83	113	17071m	25.922	ng		
36) 4-Chloro-3-methylphenol	12.15	107	80045	44.079	ng		97
37) 2-Methylnaphthalene	12.52	142	170026	49.119	ng		98
38) 1-Methylnaphthalene	12.74	142	166005	49.421	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	104971	43.523	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	110905	83.698	ng		94
43) 2,4,6-Trichlorophenol	13.13	196	72461	48.863	ng		98
44) 2,4,5-Trichlorophenol	13.21	196	75361	47.997	ng		99
46) 1,1'-Biphenyl	13.53	154	226128	41.805	ng		99
47) 2-Chloronaphthalene	13.58	162	184119	44.066	ng		98
48) 2-Nitroaniline	13.79	65	52158	39.191	ng		90
49) Acenaphthylene	14.42	152	295318	47.279	ng		98
50) Dimethylphthalate	14.15	163	239142	45.385	ng		99
51) 2,6-Dinitrotoluene	14.28	165	53830	45.081	ng		98
52) Acenaphthene	14.76	154	171056	45.797	ng		98
53) 3-Nitroaniline	14.61	138	23917	19.649	ng		95
54) 2,4-Dinitrophenol	14.82	184	45555	65.147	ng		98
55) Dibenzofuran	15.09	168	292763	45.726	ng		97
56) 4-Nitrophenol	14.92	139	69755	75.540	ng		99
57) 2,4-Dinitrotoluene	15.06	165	76684	45.596	ng		98
58) Fluorene	15.74	166	235304	49.606	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.32	232	70328	49.786	ng		97
60) Diethylphthalate	15.50	149	247422	42.774	ng		99
61) 4-Chlorophenyl-phenylether	15.73	204	132858	44.890	ng		97
62) 4-Nitroaniline	15.77	138	46514	37.118	ng		95
63) Azobenzene	16.02	77	207537	42.949	ng		96
65) 4,6-Dinitro-2-methylphenol	15.82	198	45494	38.983	ng		91
66) n-Nitrosodiphenylamine	15.94	169	216062	44.949	ng		96
67) 4-Bromophenyl-phenylether	16.63	248	89710	44.900	ng		95
68) Hexachlorobenzene	16.74	284	94954	45.846	ng		99
69) Atrazine	16.89	200	87756	49.194	ng		96
70) Pentachlorophenol	17.09	266	94331	77.002	ng		96
71) Phenanthrene	17.48	178	406363	47.900	ng		99
72) Anthracene	17.58	178	412672	49.274	ng		100
73) Carbazole	17.85	167	364808	44.044	ng		98
74) Di-n-butylphthalate	18.38	149	421043	44.301	ng		99
75) Fluoranthene	19.49	202	502263	47.850	ng		96
77) Benzidine	19.67	184	54827	11.269	ng		97
78) Pyrene	19.86	202	503268	46.305	ng		100
80) Butylbenzylphthalate	20.72	149	186948	44.027	ng		99
81) Benzo(a)anthracene	21.70	228	490642	48.942	ng		99
82) 3,3'-Dichlorobenzidine	21.61	252	77362	19.458	ng		99
83) Chrysene	21.77	228	455337	47.156	ng		99
84) Bis(2-ethylhexyl)phthalate	21.57	149	263995	43.836	ng		99
85) Di-n-octyl phthalate	22.79	149	450731	44.689	ng		99
86) Indeno(1,2,3-cd)pyrene	28.81	276	565144	49.783	ng	#	75
88) Benzo(b)fluoranthene	23.96	252	501406	50.747	ng		99
89) Benzo(k)fluoranthene	24.03	252	476821	48.463	ng		98
90) Benzo(a)pyrene	24.86	252	481178	50.480	ng		99
91) Dibenzo(a,h)anthracene	28.86	278	468728	49.387	ng		99
92) Benzo(g,h,i)perylene	30.00	276	461009	49.289	ng		97

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

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