Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010319\
Data File : BG038909.D
Acq On : 3 Jan 2019 18:43
Operator : JU/SJ
Sample : K1002-02MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : AU-05-010219-AMS

Manual Integrations APPROVED
Sohil
1/4/2019 11:21:14 AM

Quant Time: Jan 04 04:38:49 2019
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	25510	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	108191	20.00	ng	-0.01
39) Acenaphthene-d10	14.69	164	78293	20.00	ng	-0.01
64) Phenanthrene-d10	17.44	188	197603	20.00	ng	0.00
76) Chrysene-d12	21.72	240	198465	20.00	ng	0.00
87) Perylene-d12	25.00	264	215307	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	184947	128.59	ng	0.00
7) Phenol-d6	7.21	99	240355	121.73	ng	0.00
23) Nitrobenzene-d5	9.23	82	171129	80.81	ng	-0.01
42) 2,4,6-Tribromophenol	16.18	330	169642	157.22	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	467594	81.93	ng	-0.01
79) Terphenyl-d14	20.04	244	904056	99.14	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.49	88	17908	26.753	ng	# 1
3) Pyridine	3.90	79	52290	28.372	ng	98
4) n-Nitrosodimethylamine	3.81	42	32858	36.387	ng	96
6) Aniline	7.38	93	80367	31.885	ng	97
8) 2-Chlorophenol	7.61	128	74249	44.610	ng	97
9) Benzaldehyde	7.19	77	26961	21.049	ng	98
10) Phenol	7.24	94	82219	39.195	ng	100
11) bis(2-Chloroethyl)ether	7.46	93	62752	37.574	ng	92
12) 1,3-Dichlorobenzene	7.93	146	75782	38.508	ng	98
13) 1,4-Dichlorobenzene	8.08	146	78621	39.008	ng	95
14) 1,2-Dichlorobenzene	8.40	146	77111	40.582	ng	99
15) Benzyl Alcohol	8.29	79	70573	45.792	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.57	45	127395	33.299	ng	97
17) 2-Methylphenol	8.49	107	64068	45.586	ng	95
18) Hexachloroethane	9.13	117	26960	36.606	ng	91
19) n-Nitroso-di-n-propylamine	8.85	70	56290	40.591	ng	93
20) 3+4-Methylphenols	8.82	107	89092	45.901	ng	95
22) Acetophenone	8.88	105	113062	41.838	ng	95
24) Nitrobenzene	9.27	77	84814	39.588	ng	97
25) Isophorone	9.78	82	164234	43.162	ng	98
26) 2-Nitrophenol	9.98	139	45570	41.559	ng	94
27) 2,4-Dimethylphenol	10.03	122	78672	50.062	ng	97
28) bis(2-Chloroethoxy)methane	10.26	93	91614	42.665	ng	99
29) 2,4-Dichlorophenol	10.51	162	90061	51.514	ng	96
30) 1,2,4-Trichlorobenzene	10.73	180	90963	43.075	ng	93
31) Naphthalene	10.91	128	237691	44.589	ng	99
32) Benzoic acid	10.15	122	6013m	14.913	ng	
33) 4-Chloroaniline	11.04	127	38689	16.717	ng	98
34) Hexachlorobutadiene	11.17	225	59825	41.868	ng	91
35) Caprolactam	11.82	113	23103	31.932	ng	# 84
36) 4-Chloro-3-methylphenol	12.15	107	95619	47.928	ng	96
37) 2-Methylnaphthalene	12.52	142	187322	49.257	ng	99
38) 1-Methylnaphthalene	12.74	142	178528	48.377	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	117856	40.271	ng	99

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Quant Time: Jan 04 04:38:49 2019
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)
41) Hexachlorocyclopentadiene	12.84	237	129966	80.833	ng		93
43) 2,4,6-Trichlorophenol	13.12	196	84911	47.188	ng		96
44) 2,4,5-Trichlorophenol	13.21	196	93553	49.104	ng		97
46) 1,1'-Biphenyl	13.52	154	252456	38.464	ng		98
47) 2-Chloronaphthalene	13.57	162	204492	40.334	ng		98
48) 2-Nitroaniline	13.78	65	66481	41.167	ng		93
49) Acenaphthylene	14.42	152	340951	44.984	ng		98
50) Dimethylphthalate	14.14	163	282233	44.143	ng		99
51) 2,6-Dinitrotoluene	14.27	165	64318	44.390	ng		91
52) Acenaphthene	14.75	154	195392	43.112	ng		100
53) 3-Nitroaniline	14.61	138	47394	32.088	ng		90
54) 2,4-Dinitrophenol	14.82	184	5239	10.865	ng		92
55) Dibenzofuran	15.09	168	341773	43.993	ng		96
56) 4-Nitrophenol	14.92	139	67227	59.998	ng		96
57) 2,4-Dinitrotoluene	15.06	165	90862	44.524	ng		94
58) Fluorene	15.73	166	275015	47.780	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.31	232	82532	48.149	ng		94
60) Diethylphthalate	15.49	149	290786	41.429	ng		97
61) 4-Chlorophenyl-phenylether	15.72	204	159828	44.505	ng		96
62) 4-Nitroaniline	15.77	138	65819	43.285	ng		96
63) Azobenzene	16.01	77	228383	38.950	ng		95
65) 4,6-Dinitro-2-methylphenol	15.82	198	13507	9.582	ng		87
66) n-Nitrosodiphenylamine	15.94	169	252447	43.480	ng		98
67) 4-Bromophenyl-phenylether	16.61	248	105914	43.888	ng		95
68) Hexachlorobenzene	16.73	284	115153	46.031	ng		96
69) Atrazine	16.88	200	102863	47.739	ng		99
70) Pentachlorophenol	17.08	266	38125	25.765	ng		99
71) Phenanthrene	17.48	178	476584	46.510	ng		99
72) Anthracene	17.57	178	484175	47.862	ng		99
73) Carbazole	17.85	167	417758	41.757	ng		98
74) Di-n-butylphthalate	18.38	149	489380	42.630	ng		99
75) Fluoranthene	19.49	202	586269	46.242	ng		97
77) Benzidine	19.67	184	183034	31.184	ng		97
78) Pyrene	19.85	202	584570	44.586	ng		99
80) Butylbenzylphthalate	20.71	149	215296	42.030	ng		99
81) Benzo(a)anthracene	21.70	228	564634	46.689	ng		99
82) 3,3'-Dichlorobenzidine	21.61	252	147254	30.701	ng		98
83) Chrysene	21.77	228	524315	45.012	ng		99
84) Bis(2-ethylhexyl)phthalate	21.56	149	308064	42.404	ng		97
85) Di-n-octyl phthalate	22.78	149	522292	42.927	ng		97
86) Indeno(1,2,3-cd)pyrene	28.80	276	645660	47.147	ng	#	76
88) Benzo(b)fluoranthene	23.96	252	560844	47.444	ng		98
89) Benzo(k)fluoranthene	24.03	252	555555	47.195	ng		95
90) Benzo(a)pyrene	24.86	252	553575	48.540	ng	#	98
91) Dibenzo(a,h)anthracene	28.85	278	537439	47.330	ng		98
92) Benzo(g,h,i)perylene	29.98	276	540535	48.303	ng		96

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

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