Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121418\
Data File : BG038573.D
Acq On : 14 Dec 2018 18:28
Operator : JU/SJ
Sample : PB115343BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB115343BS

Manual Integrations APPROVED
Sohil
12/17/2018 4:11:48 PM

Quant Time: Dec 14 23:07:13 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	8.06	152	22301	20.00	ng		0.00
21) Naphthalene-d8	10.88	136	86228	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	55677	20.00	ng		0.00
64) Phenanthrene-d10	17.44	188	140410	20.00	ng		0.00
76) Chrysene-d12	21.72	240	145779	20.00	ng		0.00
87) Perylene-d12	25.01	264	158683	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	150325	119.56	ng		0.00
7) Phenol-d6	7.21	99	198472	114.98	ng		0.00
23) Nitrobenzene-d5	9.24	82	117139	69.40	ng		0.00
42) 2,4,6-Tribromophenol	16.18	330	89435	116.55	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	274474	67.63	ng		0.00
79) Terphenyl-d14	20.04	244	575293	85.89	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	20005	34.186	ng	#	89
3) Pyridine	3.89	79	53759	33.367	ng		89
4) n-Nitrosodimethylamine	3.82	42	36816	46.636	ng	#	82
6) Aniline	7.39	93	72888	33.079	ng		98
8) 2-Chlorophenol	7.62	128	61822	42.488	ng		98
9) Benzaldehyde	7.20	77	21318	19.038	ng		95
10) Phenol	7.24	94	78724	42.929	ng		99
11) bis(2-Chloroethyl)ether	7.48	93	52704	36.098	ng		98
12) 1,3-Dichlorobenzene	7.95	146	64283	37.365	ng		99
13) 1,4-Dichlorobenzene	8.09	146	65805	37.347	ng		99
14) 1,2-Dichlorobenzene	8.41	146	63481	38.216	ng		97
15) Benzyl Alcohol	8.30	79	55922	41.507	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.58	45	124130	37.115	ng		98
17) 2-Methylphenol	8.50	107	53338	43.413	ng		96
18) Hexachloroethane	9.14	117	24985	38.805	ng		98
19) n-Nitroso-di-n-propylamine	8.86	70	45607	37.620	ng		99
20) 3+4-Methylphenols	8.83	107	71573	42.181	ng		95
22) Acetophenone	8.89	105	89016	41.330	ng	#	97
24) Nitrobenzene	9.28	77	71527	41.890	ng		98
25) Isophorone	9.79	82	125927	41.525	ng		99
26) 2-Nitrophenol	9.99	139	34593	39.583	ng		95
27) 2,4-Dimethylphenol	10.04	122	62203	49.664	ng		94
28) bis(2-Chloroethoxy)methane	10.27	93	73520	42.959	ng		99
29) 2,4-Dichlorophenol	10.52	162	63951	45.897	ng		96
30) 1,2,4-Trichlorobenzene	10.73	180	66833	39.709	ng		95
31) Naphthalene	10.93	128	184586	43.447	ng		98
32) Benzoic acid	10.17	122	27644m	37.554	ng		
33) 4-Chloroaniline	11.04	127	42249	22.905	ng		96
34) Hexachlorobutadiene	11.19	225	43201	37.934	ng		97
35) Caprolactam	11.82	113	21800	37.806	ng		97
36) 4-Chloro-3-methylphenol	12.15	107	67174	42.246	ng		93
37) 2-Methylnaphthalene	12.53	142	137539	45.378	ng		98
38) 1-Methylnaphthalene	12.75	142	130491m	44.367	ng		
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	80786	38.817	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	107476	93.997	ng		94
43) 2,4,6-Trichlorophenol	13.13	196	54581	42.653	ng		96
44) 2,4,5-Trichlorophenol	13.21	196	60562	44.700	ng		98
46) 1,1'-Biphenyl	13.53	154	177506	38.030	ng		99
47) 2-Chloronaphthalene	13.58	162	144727	40.142	ng		97
48) 2-Nitroaniline	13.79	65	49003	42.670	ng		99
49) Acenaphthylene	14.42	152	236025	43.790	ng		99
50) Dimethylphthalate	14.15	163	190446	41.886	ng		99
51) 2,6-Dinitrotoluene	14.28	165	42816	41.554	ng		94
52) Acenaphthene	14.76	154	133927	41.554	ng		96
53) 3-Nitroaniline	14.62	138	32203	30.659	ng		94
54) 2,4-Dinitrophenol	14.82	184	44519	73.094	ng		98
55) Dibenzofuran	15.10	168	224147	40.572	ng		97
56) 4-Nitrophenol	14.91	139	66736	83.753	ng		95
57) 2,4-Dinitrotoluene	15.06	165	62661	43.178	ng		99
58) Fluorene	15.74	166	180625	44.128	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.31	232	54422	44.647	ng		98
60) Diethylphthalate	15.50	149	200799	40.229	ng		100
61) 4-Chlorophenyl-phenylether	15.73	204	100470	39.340	ng		97
62) 4-Nitroaniline	15.78	138	47678	44.091	ng		98
63) Azobenzene	16.02	77	170999	41.010	ng		98
65) 4,6-Dinitro-2-methylphenol	15.83	198	37438	37.378	ng		92
66) n-Nitrosodiphenylamine	15.95	169	165502	40.116	ng		97
67) 4-Bromophenyl-phenylether	16.62	248	67439	39.327	ng		94
68) Hexachlorobenzene	16.74	284	69286	38.977	ng		95
69) Atrazine	16.89	200	68751	44.905	ng		96
70) Pentachlorophenol	17.09	266	76486	72.745	ng		97
71) Phenanthrene	17.49	178	321820	44.199	ng		99
72) Anthracene	17.58	178	327696	45.589	ng		99
73) Carbazole	17.85	167	297970	41.915	ng		98
74) Di-n-butylphthalate	18.38	149	362702	44.465	ng		98
75) Fluoranthene	19.49	202	405978	45.064	ng		98
77) Benzidine	19.68	184	201842	46.817	ng		99
78) Pyrene	19.86	202	405641	42.120	ng		99
80) Butylbenzylphthalate	20.73	149	161568	42.941	ng		96
81) Benzo(a)anthracene	21.70	228	391565	44.080	ng		100
82) 3,3'-Dichlorobenzidine	21.62	252	99009	28.103	ng		97
83) Chrysene	21.77	228	361653	42.268	ng		99
84) Bis(2-ethylhexyl)phthalate	21.57	149	223641	41.909	ng		99
85) Di-n-octyl phthalate	22.79	149	381007	42.633	ng		100
86) Indeno(1,2,3-cd)pyrene	28.81	276	437215	43.465	ng	#	98
88) Benzo(b)fluoranthene	23.96	252	388358	44.576	ng		99
89) Benzo(k)fluoranthene	24.03	252	366285	42.220	ng		98
90) Benzo(a)pyrene	24.86	252	372401	44.306	ng		99
91) Dibenzo(a,h)anthracene	28.86	278	367004	43.854	ng		99
92) Benzo(g,h,i)perylene	29.99	276	359225	43.556	ng		96

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

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