Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122718\
Data File : BG038844.D
Acq On : 27 Dec 2018 15:25
Operator : JU/SJ
Sample : PB116010BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB116010BS

Manual Integrations APPROVED
Sohil
12/28/2018 4:03:21 PM

Quant Time: Dec 28 00:47:25 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	19532	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	81038	20.00	ng		0.00
39) Acenaphthene-d10	14.69	164	61011	20.00	ng		0.00
64) Phenanthrene-d10	17.44	188	164678	20.00	ng		0.00
76) Chrysene-d12	21.72	240	164056	20.00	ng		0.00
87) Perylene-d12	25.02	264	175580	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	137225	124.61	ng		0.00
7) Phenol-d6	7.21	99	190965	126.32	ng		0.00
23) Nitrobenzene-d5	9.23	82	97215	61.29	ng		0.00
42) 2,4,6-Tribromophenol	16.19	330	123170	146.48	ng		0.00
45) 2-Fluorobiphenyl	13.31	172	284674	64.01	ng		0.00
79) Terphenyl-d14	20.04	244	627069	83.19	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.48	88	21224	41.411	ng		93
3) Pyridine	3.89	79	42813	30.340	ng		96
4) n-Nitrosodimethylamine	3.81	42	25550	36.953	ng		89
6) Aniline	7.38	93	61494	31.864	ng		97
8) 2-Chlorophenol	7.61	128	59413	46.621	ng		93
9) Benzaldehyde	7.20	77	14708	14.997	ng		94
10) Phenol	7.24	94	75454	46.979	ng		98
11) bis(2-Chloroethyl)ether	7.47	93	45319	35.441	ng		94
12) 1,3-Dichlorobenzene	7.94	146	58921	39.103	ng		98
13) 1,4-Dichlorobenzene	8.09	146	60498	39.203	ng		99
14) 1,2-Dichlorobenzene	8.41	146	58081	39.922	ng		98
15) Benzyl Alcohol	8.30	79	52761	44.713	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.58	45	97039	33.128	ng		95
17) 2-Methylphenol	8.49	107	52680	48.956	ng		98
18) Hexachloroethane	9.13	117	21160	37.524	ng		87
19) n-Nitroso-di-n-propylamine	8.86	70	42121	39.670	ng		92
20) 3+4-Methylphenols	8.83	107	72893	49.050	ng		96
22) Acetophenone	8.89	105	83515	41.259	ng	#	95
24) Nitrobenzene	9.28	77	63171	39.366	ng		98
25) Isophorone	9.79	82	120177	42.166	ng		97
26) 2-Nitrophenol	9.99	139	35519	43.246	ng	#	88
27) 2,4-Dimethylphenol	10.03	122	63218	53.707	ng		96
28) bis(2-Chloroethoxy)methane	10.27	93	68525	42.605	ng		97
29) 2,4-Dichlorophenol	10.52	162	70480	53.822	ng		94
30) 1,2,4-Trichlorobenzene	10.73	180	68884	43.549	ng		99
31) Naphthalene	10.92	128	183394	45.931	ng		99
32) Benzoic acid	10.18	122	31417	43.286	ng	#	89
33) 4-Chloroaniline	11.04	127	50063	28.880	ng		95
34) Hexachlorobutadiene	11.19	225	46256	43.218	ng		93
35) Caprolactam	11.83	113	25266	46.622	ng	#	84
36) 4-Chloro-3-methylphenol	12.15	107	73581	49.239	ng		93
37) 2-Methylnaphthalene	12.52	142	143183	50.266	ng		98
38) 1-Methylnaphthalene	12.74	142	138629	50.153	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	90359	39.621	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	111185	88.740	ng		95
43) 2,4,6-Trichlorophenol	13.13	196	65924	47.013	ng		98
44) 2,4,5-Trichlorophenol	13.21	196	73457	49.478	ng		95
46) 1,1'-Biphenyl	13.52	154	195275	38.179	ng		99
47) 2-Chloronaphthalene	13.58	162	161267	40.819	ng		99
48) 2-Nitroaniline	13.79	65	51967	41.295	ng		92
49) Acenaphthylene	14.42	152	267598	45.307	ng		99
50) Dimethylphthalate	14.14	163	220633	44.283	ng		100
51) 2,6-Dinitrotoluene	14.28	165	50300	44.549	ng		90
52) Acenaphthene	14.76	154	152150	43.080	ng		95
53) 3-Nitroaniline	14.62	138	37833	32.870	ng		90
54) 2,4-Dinitrophenol	14.82	184	52868	78.779	ng		98
55) Dibenzofuran	15.09	168	266808	44.071	ng		97
56) 4-Nitrophenol	14.92	139	77421	88.668	ng		97
57) 2,4-Dinitrotoluene	15.06	165	73626	46.298	ng		91
58) Fluorene	15.74	166	218105	48.627	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.32	232	69796	52.253	ng		95
60) Diethylphthalate	15.50	149	231421	42.311	ng		99
61) 4-Chlorophenyl-phenylether	15.73	204	123918	44.280	ng		98
62) 4-Nitroaniline	15.78	138	55109	46.508	ng		93
63) Azobenzene	16.02	77	186515	40.820	ng		95
65) 4,6-Dinitro-2-methylphenol	15.83	198	46506	39.589	ng		84
66) n-Nitrosodiphenylamine	15.94	169	204051	42.171	ng		97
67) 4-Bromophenyl-phenylether	16.62	248	87279	43.397	ng		99
68) Hexachlorobenzene	16.74	284	91289	43.787	ng		96
69) Atrazine	16.88	200	84808	47.229	ng		98
70) Pentachlorophenol	17.09	266	93913	76.157	ng		91
71) Phenanthrene	17.48	178	390801	45.763	ng		99
72) Anthracene	17.58	178	402875	47.788	ng		98
73) Carbazole	17.85	167	353327	42.378	ng		98
74) Di-n-butylphthalate	18.38	149	403001	42.125	ng		99
75) Fluoranthene	19.49	202	480024	45.431	ng		97
77) Benzidine	19.68	184	218979	45.134	ng		100
78) Pyrene	19.86	202	474412	43.773	ng		100
80) Butylbenzylphthalate	20.72	149	172111	40.647	ng		96
81) Benzo(a)anthracene	21.70	228	452083	45.223	ng		99
82) 3,3'-Dichlorobenzidine	21.61	252	130322	32.870	ng		99
83) Chrysene	21.77	228	419354	43.552	ng		100
84) Bis(2-ethylhexyl)phthalate	21.57	149	239110	39.816	ng		97
85) Di-n-octyl phthalate	22.79	149	405958	40.364	ng		97
86) Indeno(1,2,3-cd)pyrene	28.80	276	516627	45.637	ng	#	92
88) Benzo(b)fluoranthene	23.96	252	441373m	45.785	ng		
89) Benzo(k)fluoranthene	24.03	252	437575	45.583	ng		98
90) Benzo(a)pyrene	24.86	252	440006	47.312	ng	#	98
91) Dibenzo(a,h)anthracene	28.86	278	432272	46.682	ng		98
92) Benzo(g,h,i)perylene	30.00	276	429656	47.082	ng	#	94

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

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