Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110719\
Data File : BG043557.D
Acq On : 8 Nov 2019 3:14
Operator : JU
Sample : PB124608BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB124608BS

Manual Integrations APPROVED
Sohil
11/8/2019 3:33:04 PM

Quant Time: Nov 08 12:17:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 04 15:22:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	31717	20.00	ng		0.00
21) Naphthalene-d8	10.81	136	118897	20.00	ng		0.00
39) Acenaphthene-d10	14.64	164	87030	20.00	ng		0.00
64) Phenanthrene-d10	17.38	188	213223	20.00	ng		0.00
76) Chrysene-d12	21.66	240	222504	20.00	ng		0.00
87) Perylene-d12	24.85	264	260729	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	166180	96.01	ng		0.01
7) Phenol-d6	7.21	99	147779	59.34	ng		0.02
23) Nitrobenzene-d5	9.17	82	207966	90.18	ng		0.00
42) 2,4,6-Tribromophenol	16.13	330	222841	134.55	ng		0.00
45) 2-Fluorobiphenyl	13.26	172	553192	87.83	ng		0.00
79) Terphenyl-d14	20.00	244	1158746	97.70	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.46	88	17326	25.687	ng		97
3) Pyridine	3.88	79	13530	7.952	ng		91
4) n-Nitrosodimethylamine	3.78	42	25932	30.204	ng		83
6) Aniline	7.34	93	24044	8.381	ng		95
8) 2-Chlorophenol	7.59	128	93017	48.683	ng		98
9) Benzaldehyde	7.15	77	31409	25.664	ng		87
10) Phenol	7.24	94	61580	27.061	ng		97
11) bis(2-Chloroethyl)ether	7.43	93	75971	43.181	ng		97
12) 1,3-Dichlorobenzene	7.89	146	101013	42.196	ng		96
13) 1,4-Dichlorobenzene	8.04	146	101538	41.922	ng		97
14) 1,2-Dichlorobenzene	8.36	146	98567	41.680	ng		95
15) Benzyl Alcohol	8.25	79	69763	39.889	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.54	45	105247	41.140	ng		97
17) 2-Methylphenol	8.48	107	71878	43.328	ng		98
18) Hexachloroethane	9.09	117	36050	41.254	ng		94
19) n-Nitroso-di-n-propylamine	8.81	70	69250	43.034	ng		90
20) 3+4-Methylphenols	8.81	107	86863	38.185	ng	#	78
22) Acetophenone	8.83	105	142736	46.878	ng	#	92
24) Nitrobenzene	9.22	77	106828	48.626	ng		98
25) Isophorone	9.73	82	195330	46.326	ng		98
26) 2-Nitrophenol	9.93	139	56706	53.463	ng		95
27) 2,4-Dimethylphenol	10.00	122	88611	58.289	ng		97
28) bis(2-Chloroethoxy)methane	10.22	93	104351	44.841	ng		97
29) 2,4-Dichlorophenol	10.48	162	99351	51.007	ng		96
30) 1,2,4-Trichlorobenzene	10.67	180	109020	44.409	ng		96
31) Naphthalene	10.86	128	290210	48.087	ng		99
32) Benzoic acid	10.16	122	18072	21.683	ng		90
33) 4-Chloroaniline	10.99	127	19162	7.746	ng		95
34) Hexachlorobutadiene	11.15	225	74365	40.978	ng		96
35) Caprolactam	11.76	113	8482m	12.644	ng		
36) 4-Chloro-3-methylphenol	12.13	107	106966	50.346	ng		98
37) 2-Methylnaphthalene	12.47	142	219660	47.436	ng		98
38) 1-Methylnaphthalene	12.68	142	211662	48.040	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.84	216	143733	44.626	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	130703	77.251	ng		97
43) 2,4,6-Trichlorophenol	13.08	196	93826	49.466	ng		98
44) 2,4,5-Trichlorophenol	13.18	196	101626	52.996	ng		97
46) 1,1'-Biphenyl	13.47	154	299646	45.259	ng		99
47) 2-Chloronaphthalene	13.52	162	229104	45.479	ng		99
48) 2-Nitroaniline	13.73	65	71569	47.535	ng		98
49) Acenaphthylene	14.36	152	381487	48.658	ng		99
50) Dimethylphthalate	14.09	163	351181	52.096	ng		99
51) 2,6-Dinitrotoluene	14.22	165	69847	47.694	ng		96
52) Acenaphthene	14.70	154	227169	47.513	ng		95
53) 3-Nitroaniline	14.56	138	19928	14.094	ng		100
54) 2,4-Dinitrophenol	14.76	184	79722	86.522	ng		95
55) Dibenzofuran	15.04	168	375422	48.419	ng		99
56) 4-Nitrophenol	14.90	139	53484	56.446	ng		91
57) 2,4-Dinitrotoluene	15.00	165	101361	48.430	ng	#	98
58) Fluorene	15.69	166	315904	48.578	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.27	232	100906	49.527	ng	#	95
60) Diethylphthalate	15.45	149	310158	45.791	ng		98
61) 4-Chlorophenyl-phenylether	15.68	204	177949	46.907	ng		100
62) 4-Nitroaniline	15.72	138	64073	43.879	ng		94
63) Azobenzene	15.97	77	264689	48.285	ng		98
65) 4,6-Dinitro-2-methylphenol	15.77	198	64401	51.323	ng		94
66) n-Nitrosodiphenylamine	15.90	169	276190	45.880	ng		98
67) 4-Bromophenyl-phenylether	16.57	248	130158	45.359	ng		96
68) Hexachlorobenzene	16.70	284	148184	44.988	ng		98
69) Atrazine	16.84	200	113674	54.344	ng		99
70) Pentachlorophenol	17.05	266	143361	95.518	ng		97
71) Phenanthrene	17.43	178	520756	47.694	ng		100
72) Anthracene	17.52	178	539050	49.344	ng		100
73) Carbazole	17.79	167	482892	48.813	ng		98
74) Di-n-butylphthalate	18.34	149	568445	47.357	ng		99
75) Fluoranthene	19.44	202	686279	48.212	ng		99
77) Benzidine	19.66	184	102955m	22.991	ng		
78) Pyrene	19.80	202	688426	49.985	ng		100
80) Butylbenzylphthalate	20.68	149	254022	48.682	ng		95
81) Benzo(a)anthracene	21.64	228	691267	49.598	ng		99
82) 3,3'-Dichlorobenzidine	21.55	252	109997	20.405	ng		99
83) Chrysene	21.70	228	679161	49.044	ng		100
84) Bis(2-ethylhexyl)phthalate	21.54	149	362705	48.934	ng		100
85) Di-n-octyl phthalate	22.73	149	624357	49.650	ng		100
86) Indeno(1,2,3-cd)pyrene	28.51	276	874767	50.324	ng	#	96
88) Benzo(b)fluoranthene	23.84	252	718728	48.672	ng		98
89) Benzo(k)fluoranthene	23.91	252	734080	49.380	ng		98
90) Benzo(a)pyrene	24.70	252	666435	47.261	ng		99
91) Dibenzo(a,h)anthracene	28.56	278	750874	52.059	ng		100
92) Benzo(g,h,i)perylene	29.64	276	738367	51.898	ng		99

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

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