Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061020\
Data File : BG045719.D
Acq On : 11 Jun 2020 12:07
Operator : CG/JU
Sample : L2965-09MS
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OFFICE-SLAB-1MS

Quant Time: Jun 11 13:15:17 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 01 15:07:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	63492	20.00	ng		0.00
21) Naphthalene-d8	10.75	136	253755	20.00	ng		0.00
39) Acenaphthene-d10	14.59	164	164708	20.00	ng		0.00
64) Phenanthrene-d10	17.34	188	320519	20.00	ng		0.00
76) Chrysene-d12	21.60	240	277426	20.00	ng		0.00
87) Perylene-d12	24.76	264	306376	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	117546	36.18	ng		0.00
7) Phenol-d6	7.14	99	229295	49.59	ng		0.00
23) Nitrobenzene-d5	9.11	82	175066	37.62	ng		0.00
42) 2,4,6-Tribromophenol	16.09	330	56398	26.77	ng		0.00
45) 2-Fluorobiphenyl	13.21	172	394712	40.65	ng		0.00
79) Terphenyl-d14	19.95	244	493886	41.52	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.40	88	54128	33.598	ng		95
3) Pyridine	3.80	79	159262	35.495	ng		99
4) n-Nitrosodimethylamine	3.72	42	63865	43.497	ng	#	81
6) Aniline	7.27	93	185917	30.800	ng		96
8) 2-Chlorophenol	7.52	128	185788	52.147	ng		98
9) Benzaldehyde	7.08	77	132333	43.925	ng		96
10) Phenol	7.16	94	285419	59.890	ng		95
11) bis(2-Chloroethyl)ether	7.36	93	167162	44.969	ng		97
12) 1,3-Dichlorobenzene	7.84	146	198237	46.302	ng		98
13) 1,4-Dichlorobenzene	7.98	146	196597	46.530	ng		93
14) 1,2-Dichlorobenzene	8.30	146	191629	47.155	ng		98
15) Benzyl Alcohol	8.19	79	187091	48.978	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.48	45	155204	43.985	ng		98
17) 2-Methylphenol	8.41	107	163000	45.695	ng		91
18) Hexachloroethane	9.03	117	77372	47.813	ng		96
19) n-Nitroso-di-n-propylamine	8.76	70	150820	47.167	ng		98
20) 3+4-Methylphenols	8.74	107	221417	45.583	ng		93
22) Acetophenone	8.77	105	279294	46.439	ng		97
24) Nitrobenzene	9.15	77	232894	46.713	ng	#	95
25) Isophorone	9.67	82	401090	43.767	ng		98
26) 2-Nitrophenol	9.87	139	102371	48.000	ng		92
27) 2,4-Dimethylphenol	9.94	122	161990	51.211	ng		96
28) bis(2-Chloroethoxy)methane	10.15	93	226014	47.027	ng		99
29) 2,4-Dichlorophenol	10.42	162	186210	49.851	ng		99
30) 1,2,4-Trichlorobenzene	10.62	180	208537	47.246	ng		97
31) Naphthalene	10.81	128	550905	46.589	ng		99
32) Benzoic acid	10.11	122	92487	44.036	ng		96
33) 4-Chloroaniline	10.92	127	132624	26.832	ng		95
34) Hexachlorobutadiene	11.09	225	147985	47.431	ng		99
35) Caprolactam	11.70	113	66450	48.466	ng	#	84
36) 4-Chloro-3-methylphenol	12.06	107	205304	48.776	ng		94
37) 2-Methylnaphthalene	12.42	142	415891	47.188	ng		99
38) 1-Methylnaphthalene	12.63	142	386261	46.395	ng		94
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	233269	50.705	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	260477	98.095	ng		98
43) 2,4,6-Trichlorophenol	13.03	196	158334	49.544	ng		100
44) 2,4,5-Trichlorophenol	13.11	196	163533	44.779	ng		98
46) 1,1'-Biphenyl	13.42	154	512063	50.596	ng		99
47) 2-Chloronaphthalene	13.46	162	400783	48.767	ng		98
48) 2-Nitroaniline	13.67	65	127283	47.083	ng		93
49) Acenaphthylene	14.31	152	608111	46.067	ng		99
50) Dimethylphthalate	14.05	163	520503	46.067	ng		98
51) 2,6-Dinitrotoluene	14.17	165	118880	46.627	ng		98
52) Acenaphthene	14.65	154	371239	42.013	ng		97
53) 3-Nitroaniline	14.50	138	91398	35.265	ng		98
54) 2,4-Dinitrophenol	14.71	184	104645	63.840	ng		96
55) Dibenzofuran	14.99	168	593504	45.230	ng		96
56) 4-Nitrophenol	14.84	139	153010	77.978	ng		88
57) 2,4-Dinitrotoluene	14.96	165	149639	40.525	ng		98
58) Fluorene	15.64	166	472776	43.855	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.23	232	147784	45.996	ng		98
60) Diethylphthalate	15.41	149	499665	42.488	ng		98
61) 4-Chlorophenyl-phenylether	15.63	204	262817	42.603	ng		98
62) 4-Nitroaniline	15.66	138	104777	38.724	ng		98
63) Azobenzene	15.93	77	487576	44.463	ng		99
65) 4,6-Dinitro-2-methylphenol	15.73	198	78934	42.285	ng		97
66) n-Nitrosodiphenylamine	15.85	169	442987	57.563	ng		99
67) 4-Bromophenyl-phenylether	16.53	248	171687	49.468	ng		97
68) Hexachlorobenzene	16.66	284	183774	50.626	ng		99
69) Atrazine	16.80	200	147770	46.619	ng		97
70) Pentachlorophenol	17.00	266	180098	95.549	ng		95
71) Phenanthrene	17.39	178	675163	48.252	ng		99
72) Anthracene	17.47	178	689948	49.101	ng		99
73) Carbazole	17.74	167	613137	44.764	ng		98
74) Di-n-butylphthalate	18.30	149	708874	43.119	ng		99
75) Fluoranthene	19.39	202	733345	41.205	ng		99
77) Benzidine	19.58	184	125081	16.053	ng		97
78) Pyrene	19.75	202	731929	46.282	ng		99
80) Butylbenzylphthalate	20.65	149	291607	42.720	ng		94
81) Benzo(a)anthracene	21.59	228	715602	46.304	ng		100
82) 3,3'-Dichlorobenzidine	21.50	252	142792	23.554	ng		99
83) Chrysene	21.65	228	716329	48.205	ng		99
84) Bis(2-ethylhexyl)phthalate	21.49	149	454987	48.489	ng		100
85) Di-n-octyl phthalate	22.68	149	711993	44.179	ng		99
86) Indeno(1,2,3-cd)pyrene	28.36	276	932218	47.973	ng	#	96
88) Benzo(b)fluoranthene	23.76	252	744337	45.300	ng		97
89) Benzo(k)fluoranthene	23.83	252	772721	50.057	ng		99
90) Benzo(a)pyrene	24.61	252	703110	45.946	ng	#	95
91) Dibenzo(a,h)anthracene	28.41	278	773922	50.327	ng		99
92) Benzo(g,h,i)perylene	29.47	276	755612	49.130	ng	#	96

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

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