Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022520\
Data File : BG044583.D
Acq On : 25 Feb 2020 19:16
Operator : CG/JU
Sample : L1655-01MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-AA1-BB1-AA1A-BB1AM

Manual Integrations APPROVED
mohammad
2/27/2020 5:03:05 PM

Quant Time: Feb 26 05:43:21 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG022420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 24 16:11:23 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	62452	20.00	ng		0.00
21) Naphthalene-d8	10.67	136	257310	20.00	ng		0.00
39) Acenaphthene-d10	14.52	164	174083	20.00	ng		0.00
64) Phenanthrene-d10	17.26	188	407512	20.00	ng		0.00
76) Chrysene-d12	21.50	240	377403	20.00	ng		0.00
87) Perylene-d12	24.57	264	428570	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	422059	108.43	ng		0.00
7) Phenol-d6	7.05	99	548368	102.92	ng		0.00
23) Nitrobenzene-d5	9.03	82	325835	65.24	ng		0.00
42) 2,4,6-Tribromophenol	16.01	330	247378	100.22	ng		0.00
45) 2-Fluorobiphenyl	13.14	172	776804	63.90	ng		0.00
79) Terphenyl-d14	19.88	244	1376826	69.06	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.32	88	69024	40.638	ng		98
3) Pyridine	3.72	79	165031	34.821	ng		98
4) n-Nitrosodimethylamine	3.64	42	84251	46.805	ng		98
6) Aniline	7.20	93	159653	24.612	ng		98
8) 2-Chlorophenol	7.44	128	205095	48.269	ng		98
9) Benzaldehyde	7.01	77	79400	25.344	ng		99
10) Phenol	7.08	94	251172	48.647	ng		99
11) bis(2-Chloroethyl)ether	7.30	93	183249	42.218	ng		99
12) 1,3-Dichlorobenzene	7.77	146	216330	42.687	ng		99
13) 1,4-Dichlorobenzene	7.91	146	215281	42.269	ng		99
14) 1,2-Dichlorobenzene	8.23	146	205736	42.477	ng		97
15) Benzyl Alcohol	8.11	79	160105	44.557	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.40	45	238532	40.891	ng		98
17) 2-Methylphenol	8.32	107	168443	45.667	ng		97
18) Hexachloroethane	8.96	117	78277	42.055	ng		96
19) n-Nitroso-di-n-propylamine	8.68	70	143322	41.849	ng		99
20) 3+4-Methylphenols	8.66	107	233683	46.275	ng		98
22) Acetophenone	8.69	105	273349	42.313	ng	#	99
24) Nitrobenzene	9.08	77	204995	42.365	ng		98
25) Isophorone	9.60	82	396449	42.431	ng		100
26) 2-Nitrophenol	9.79	139	115493	44.011	ng		98
27) 2,4-Dimethylphenol	9.86	122	190461	51.691	ng		99
28) bis(2-Chloroethoxy)methane	10.08	93	249907	40.446	ng		99
29) 2,4-Dichlorophenol	10.33	162	202100	45.878	ng		97
30) 1,2,4-Trichlorobenzene	10.54	180	204554	40.152	ng		98
31) Naphthalene	10.72	128	593418	42.265	ng		99
32) Benzoic acid	10.03	122	73749	51.172	ng		94
33) 4-Chloroaniline	10.84	127	71816	11.613	ng		97
34) Hexachlorobutadiene	11.02	225	122983	38.440	ng		99
35) Caprolactam	11.61	113	76133m	48.278	ng		
36) 4-Chloro-3-methylphenol	11.97	107	213612	47.109	ng		98
37) 2-Methylnaphthalene	12.34	142	441098	42.508	ng		97
38) 1-Methylnaphthalene	12.55	142	421174	42.716	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.71	216	225387	38.458	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.69	237	227709	81.357	ng	100
43) 2,4,6-Trichlorophenol	12.95	196	164092	43.122	ng	98
44) 2,4,5-Trichlorophenol	13.03	196	179923	46.028	ng	97
46) 1,1'-Biphenyl	13.35	154	569046	39.500	ng	99
47) 2-Chloronaphthalene	13.39	162	445894	39.471	ng	99
48) 2-Nitroaniline	13.59	65	133844	42.682	ng	97
49) Acenaphthylene	14.23	152	720599	43.213	ng	100
50) Dimethylphthalate	13.98	163	617436	43.943	ng	100
51) 2,6-Dinitrotoluene	14.09	165	135118	43.603	ng	93
52) Acenaphthene	14.58	154	438151	41.220	ng	99
53) 3-Nitroaniline	14.42	138	68573	20.518	ng	97
54) 2,4-Dinitrophenol	14.63	184	137951	75.336	ng	99
55) Dibenzofuran	14.92	168	694139	42.596	ng	99
56) 4-Nitrophenol	14.75	139	250195	108.833	ng	98
57) 2,4-Dinitrotoluene	14.88	165	190631	43.756	ng	96
58) Fluorene	15.56	166	558703	43.241	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.15	232	165677	46.025	ng	99
60) Diethylphthalate	15.34	149	608419	43.702	ng	99
61) 4-Chlorophenyl-phenylether	15.56	204	296317	42.178	ng	98
62) 4-Nitroaniline	15.59	138	138965	41.526	ng	97
63) Azobenzene	15.85	77	526684	44.452	ng	98
65) 4,6-Dinitro-2-methylphenol	15.65	198	117650	46.626	ng	98
66) n-Nitrosodiphenylamine	15.77	169	525900	41.372	ng	98
67) 4-Bromophenyl-phenylether	16.45	248	203164	40.164	ng	99
68) Hexachlorobenzene	16.58	284	220247	38.511	ng	98
69) Atrazine	16.73	200	213877	45.513	ng	99
70) Pentachlorophenol	16.92	266	242487	86.045	ng	97
71) Phenanthrene	17.31	178	937187	41.540	ng	99
72) Anthracene	17.40	178	967318	43.507	ng	99
73) Carbazole	17.67	167	888928	43.924	ng	99
74) Di-n-butylphthalate	18.23	149	1081745	42.655	ng	99
75) Fluoranthene	19.32	202	1160889	43.466	ng	99
77) Benzidine	19.49	184	387052	29.939	ng	100
78) Pyrene	19.67	202	1156860	42.227	ng	98
80) Butylbenzylphthalate	20.57	149	498655	41.612	ng	99
81) Benzo(a)anthracene	21.48	228	1125453	42.430	ng	99
82) 3,3'-Dichlorobenzidine	21.40	252	209607	20.002	ng	99
83) Chrysene	21.55	228	1064254	41.498	ng	98
84) Bis(2-ethylhexyl)phthalate	21.41	149	720912	43.660	ng	99
85) Di-n-octyl phthalate	22.57	149	1247643	42.947	ng	99
86) Indeno(1,2,3-cd)pyrene	28.05	276	1394417	42.367	ng	99
88) Benzo(b)fluoranthene	23.61	252	1181547	41.932	ng	98
89) Benzo(k)fluoranthene	23.67	252	1174117	42.944	ng	99
90) Benzo(a)pyrene	24.43	252	1102766	41.654	ng	99
91) Dibenzo(a,h)anthracene	28.11	278	1148938	43.881	ng	100
92) Benzo(g,h,i)perylene	29.13	276	1176511	44.849	ng	99

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

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