Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG052920\
Data File : BG045542.D
Acq On : 30 May 2020 6:02
Operator : CG/JU
Sample : L2505-10MSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SU-01-052720MSD

Manual Integrations APPROVED
mohammad
6/1/2020 12:22:55 PM

Quant Time: May 30 07:01:43 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 29 11:17:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	67466	20.00	ng		0.00
21) Naphthalene-d8	10.76	136	271340	20.00	ng		0.00
39) Acenaphthene-d10	14.60	164	199428	20.00	ng		0.00
64) Phenanthrene-d10	17.35	188	469740	20.00	ng		0.00
76) Chrysene-d12	21.61	240	426444	20.00	ng		0.00
87) Perylene-d12	24.75	264	470400	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	507647	147.05	ng		0.00
7) Phenol-d6	7.16	99	635528	129.34	ng		0.00
23) Nitrobenzene-d5	9.11	82	522356	104.98	ng		0.00
42) 2,4,6-Tribromophenol	16.10	330	394418	154.65	ng		0.00
45) 2-Fluorobiphenyl	13.22	172	1172625	99.74	ng		0.00
79) Terphenyl-d14	19.96	244	1918724	104.94	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	66949	39.11	ng	#	37
3) Pyridine	3.82	79	155576	32.63	ng		95
4) n-Nitrosodimethylamine	3.72	42	70469	45.17	ng		91
6) Aniline	7.28	93	251168	39.16	ng		97
8) 2-Chlorophenol	7.53	128	204843	54.11	ng		100
9) Benzaldehyde	7.09	77	106106	33.14	ng		97
10) Phenol	7.18	94	225211	44.47	ng		99
11) bis(2-Chloroethyl)ether	7.38	93	194860	49.33	ng		99
12) 1,3-Dichlorobenzene	7.85	146	213595	46.95	ng		98
13) 1,4-Dichlorobenzene	7.99	146	221152	49.26	ng		98
14) 1,2-Dichlorobenzene	8.31	146	206161	47.74	ng		97
15) Benzyl Alcohol	8.20	79	213266	52.54	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.49	45	182787	48.75	ng		99
17) 2-Methylphenol	8.43	107	181705	47.94	ng		94
18) Hexachloroethane	9.04	117	84975	49.42	ng		99
19) n-Nitroso-di-n-propylamine	8.76	70	176519	51.95	ng		98
20) 3+4-Methylphenols	8.76	107	237690	46.05	ng	#	88
22) Acetophenone	8.77	105	323155	50.25	ng	#	97
24) Nitrobenzene	9.16	77	265379	49.78	ng		97
25) Isophorone	9.68	82	499570	50.98	ng		98
26) 2-Nitrophenol	9.87	139	120224	52.72	ng		93
27) 2,4-Dimethylphenol	9.95	122	195799	57.89	ng		96
28) bis(2-Chloroethoxy)methane	10.17	93	274592	53.43	ng		97
29) 2,4-Dichlorophenol	10.43	162	218433	54.69	ng		95
30) 1,2,4-Trichlorobenzene	10.62	180	240384	50.93	ng		95
31) Naphthalene	10.81	128	644707	50.99	ng		98
32) Benzoic acid	10.13	122	98438	43.88	ng		99
33) 4-Chloroaniline	10.93	127	92989	17.59	ng		94
34) Hexachlorobutadiene	11.11	225	161708	48.47	ng		95
35) Caprolactam	11.70	113	60734m	41.43	ng		
36) 4-Chloro-3-methylphenol	12.08	107	247523	54.99	ng		96
37) 2-Methylnaphthalene	12.42	142	500278	53.08	ng		99
38) 1-Methylnaphthalene	12.64	142	469773	52.77	ng		94
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	285124	51.19	ng		98

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	291271	90.59	ng	98
43) 2,4,6-Trichlorophenol	13.04	196	198164	51.21	ng	97
44) 2,4,5-Trichlorophenol	13.13	196	209245	47.32	ng	98
46) 1,1'-Biphenyl	13.43	154	647398	52.83	ng	99
47) 2-Chloronaphthalene	13.47	162	498204	50.07	ng	99
48) 2-Nitroaniline	13.68	65	163446	49.93	ng	93
49) Acenaphthylene	14.32	152	815536	51.02	ng	98
50) Dimethylphthalate	14.05	163	850638	62.18	ng	99
51) 2,6-Dinitrotoluene	14.17	165	155986	50.53	ng	98
52) Acenaphthene	14.67	154	607518m	56.78	ng	
53) 3-Nitroaniline	14.51	138	100455	32.01	ng	98
54) 2,4-Dinitrophenol	14.72	184	185149	90.77	ng	97
55) Dibenzofuran	15.00	168	799509	50.32	ng	96
56) 4-Nitrophenol	14.86	139	190970	80.38	ng	99
57) 2,4-Dinitrotoluene	14.97	165	220335	49.28	ng	98
58) Fluorene	15.65	166	662782	50.78	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.24	232	205485	52.82	ng	96
60) Diethylphthalate	15.42	149	702581	49.34	ng	98
61) 4-Chlorophenyl-phenylether	15.64	204	369218	49.43	ng	98
62) 4-Nitroaniline	15.68	138	152926	46.68	ng	98
63) Azobenzene	15.93	77	666774	50.22	ng	98
65) 4,6-Dinitro-2-methylphenol	15.73	198	139797	51.10	ng	98
66) n-Nitrosodiphenylamine	15.86	169	589293	52.25	ng	97
67) 4-Bromophenyl-phenylether	16.53	248	253281	49.79	ng	98
68) Hexachlorobenzene	16.66	284	278075	52.27	ng	94
69) Atrazine	16.81	200	221143	47.60	ng	100
70) Pentachlorophenol	17.01	266	304400	110.19	ng	97
71) Phenanthrene	17.39	178	1059372	51.66	ng	99
72) Anthracene	17.48	178	1089530	52.91	ng	99
73) Carbazole	17.76	167	977989	48.72	ng	100
74) Di-n-butylphthalate	18.31	149	1181777	49.05	ng	99
75) Fluoranthene	19.40	202	1297718	49.75	ng	99
77) Benzidine	19.58	184	583412	48.71	ng	99
78) Pyrene	19.76	202	1273630	52.39	ng	99
80) Butylbenzylphthalate	20.65	149	520731	49.63	ng	99
81) Benzo(a)anthracene	21.59	228	1228754	51.72	ng	99
82) 3,3'-Dichlorobenzidine	21.50	252	298353	32.02	ng	99
83) Chrysene	21.66	228	1169578	51.20	ng	100
84) Bis(2-ethylhexyl)phthalate	21.50	149	731222	50.70	ng	98
85) Di-n-octyl phthalate	22.69	149	1239446	50.03	ng	100
86) Indeno(1,2,3-cd)pyrene	28.34	276	1571562	52.61	ng	98
88) Benzo(b)fluoranthene	23.76	252	1320947	52.36	ng	100
89) Benzo(k)fluoranthene	23.83	252	1281869	54.08	ng	99
90) Benzo(a)pyrene	24.61	252	1218754	51.87	ng	97
91) Dibenzo(a,h)anthracene	28.39	278	1260027	53.37	ng	99
92) Benzo(g,h,i)perylene	29.45	276	1303975	55.22	ng	97

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

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