Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051120\
Data File : BG045315.D
Acq On : 12 May 2020 4:43
Operator : CG/JU
Sample : L2557-02MS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-12AMS

Manual Integrations APPROVED
mohammad
5/13/2020 8:15:22 AM

Quant Time: May 12 05:48:25 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 11 13:27:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	75890	20.00	ng		-0.01
21) Naphthalene-d8	10.78	136	307826	20.00	ng		0.00
39) Acenaphthene-d10	14.62	164	224472	20.00	ng		0.00
64) Phenanthrene-d10	17.37	188	544729	20.00	ng		0.00
76) Chrysene-d12	21.63	240	498667	20.00	ng		0.00
87) Perylene-d12	24.79	264	558611	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	380319	82.74	ng		0.00
7) Phenol-d6	7.14	99	561509	82.22	ng		0.00
23) Nitrobenzene-d5	9.13	82	352804	52.30	ng		0.00
42) 2,4,6-Tribromophenol	16.11	330	271480	78.29	ng		0.00
45) 2-Fluorobiphenyl	13.24	172	835550	54.58	ng		0.00
79) Terphenyl-d14	19.98	244	1457052	63.68	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	75497	36.96	ng		98
3) Pyridine	3.82	79	173462	27.58	ng		96
4) n-Nitrosodimethylamine	3.73	42	78216	40.59	ng		94
6) Aniline	7.29	93	265694	29.92	ng		98
8) 2-Chlorophenol	7.54	128	213387	43.19	ng		95
9) Benzaldehyde	7.10	77	160729	42.52	ng		97
10) Phenol	7.17	94	294161	43.04	ng		99
11) bis(2-Chloroethyl)ether	7.39	93	195575	35.94	ng		98
12) 1,3-Dichlorobenzene	7.86	146	226146	38.85	ng		99
13) 1,4-Dichlorobenzene	8.01	146	226872	39.11	ng		96
14) 1,2-Dichlorobenzene	8.33	146	216499	39.01	ng		97
15) Benzyl Alcohol	8.21	79	218849	38.22	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.50	45	178361	33.39	ng		98
17) 2-Methylphenol	8.42	107	197320	37.42	ng		96
18) Hexachloroethane	9.06	117	84613	38.80	ng		93
19) n-Nitroso-di-n-propylamine	8.78	70	168668	34.92	ng	#	97
20) 3+4-Methylphenols	8.75	107	299726	40.61	ng		98
22) Acetophenone	8.79	105	324926	39.03	ng	#	97
24) Nitrobenzene	9.17	77	262363	37.94	ng		97
25) Isophorone	9.70	82	482487	34.92	ng		97
26) 2-Nitrophenol	9.89	139	118895	39.91	ng		93
27) 2,4-Dimethylphenol	9.96	122	202842	42.92	ng		95
28) bis(2-Chloroethoxy)methane	10.18	93	267379	36.83	ng		98
29) 2,4-Dichlorophenol	10.43	162	221243	40.54	ng		96
30) 1,2,4-Trichlorobenzene	10.65	180	241549	39.09	ng		93
31) Naphthalene	10.83	128	647376	38.44	ng		99
32) Benzoic acid	10.11	122	118766	33.35	ng		99
33) 4-Chloroaniline	10.94	127	154227	19.64	ng		98
34) Hexachlorobutadiene	11.13	225	161633	38.15	ng		98
35) Caprolactam	11.70	113	81277m	37.42	ng		
36) 4-Chloro-3-methylphenol	12.07	107	257113	40.10	ng		99
37) 2-Methylnaphthalene	12.44	142	504941	38.63	ng		99
38) 1-Methylnaphthalene	12.66	142	475924	38.57	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.82	216	281408	38.94	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.80	237	345417	76.47	ng		98
43) 2,4,6-Trichlorophenol	13.05	196	200746	39.36	ng		96
44) 2,4,5-Trichlorophenol	13.13	196	216891	37.36	ng		98
46) 1,1'-Biphenyl	13.45	154	636562	37.31	ng		100
47) 2-Chloronaphthalene	13.49	162	494557	37.94	ng		99
48) 2-Nitroaniline	13.69	65	162017	37.77	ng		99
49) Acenaphthylene	14.34	152	829411	39.06	ng		100
50) Dimethylphthalate	14.07	163	752748	41.18	ng		99
51) 2,6-Dinitrotoluene	14.19	165	153256	37.49	ng		95
52) Acenaphthene	14.68	154	612754m	42.65	ng		
53) 3-Nitroaniline	14.51	138	108411	24.18	ng		89
54) 2,4-Dinitrophenol	14.73	184	183612	75.53	ng		95
55) Dibenzofuran	15.02	168	797697	38.08	ng		98
56) 4-Nitrophenol	14.84	139	261349	75.18	ng		97
57) 2,4-Dinitrotoluene	14.98	165	226011	37.83	ng	#	98
58) Fluorene	15.67	166	662359	38.71	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.25	232	208533	40.37	ng		98
60) Diethylphthalate	15.44	149	688748	36.14	ng		99
61) 4-Chlorophenyl-phenylether	15.66	204	364082	36.97	ng		99
62) 4-Nitroaniline	15.68	138	156734	33.70	ng		94
63) Azobenzene	15.95	77	669440	38.10	ng		99
65) 4,6-Dinitro-2-methylphenol	15.75	198	140905	39.35	ng		96
66) n-Nitrosodiphenylamine	15.88	169	591600	37.80	ng		98
67) 4-Bromophenyl-phenylether	16.56	248	255482	36.35	ng		97
68) Hexachlorobenzene	16.68	284	279350	38.33	ng		98
69) Atrazine	16.82	200	229167	39.57	ng		100
70) Pentachlorophenol	17.02	266	338126	75.62	ng		97
71) Phenanthrene	17.41	178	1085855	38.79	ng		99
72) Anthracene	17.50	178	1110983	39.57	ng		99
73) Carbazole	17.77	167	1013146	35.56	ng		99
74) Di-n-butylphthalate	18.33	149	1202199	37.78	ng		99
75) Fluoranthene	19.42	202	1324671	39.51	ng		99
77) Benzidine	19.60	184	830787	59.43	ng		98
78) Pyrene	19.78	202	1303513	37.92	ng		99
80) Butylbenzylphthalate	20.67	149	549292	38.55	ng		98
81) Benzo(a)anthracene	21.61	228	1266881	39.20	ng		98
82) 3,3'-Dichlorobenzidine	21.53	252	271811	21.13	ng		99
83) Chrysene	21.68	228	1196581	38.53	ng		98
84) Bis(2-ethylhexyl)phthalate	21.53	149	751447	38.34	ng		98
85) Di-n-octyl phthalate	22.72	149	1294621	38.20	ng		99
86) Indeno(1,2,3-cd)pyrene	28.40	276	1614876	39.17	ng	#	97
88) Benzo(b)fluoranthene	23.80	252	1316402	37.62	ng		98
89) Benzo(k)fluoranthene	23.87	252	1331647	40.02	ng		97
90) Benzo(a)pyrene	24.65	252	1244203	37.66	ng	#	97
91) Dibenzo(a,h)anthracene	28.46	278	1311439	39.39	ng		96
92) Benzo(g,h,i)perylene	29.52	276	1336863	40.06	ng		98

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

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